

Converting Colors

XYZ(71.4920, 79.7565, 95.0432)

Have a look what the booklet for
XYZ(71.4920, 79.7565, 95.0432)
contains.

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Color

**XYZ(71.3262, 79.4636,
94.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	CEECF1
RGB	206, 236, 241
RGB Percent	81%, 93%, 95%
CMY	0.1921, 0.0745, 0.0549
CMYK	0.15, 0.02, 0.00, 0.05
HSL	189°, 56%, 88%
HSV	189°, 15%, 95%
XYZ	71.3262, 79.4636, 94.7978
YIQ	227.6000, -19.4850, -4.8050

Conversions

Conversions Part 2

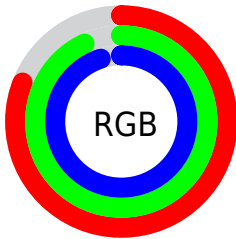
Format	Color
R _Y B	206, 222, 241
Decimal	13561073
CIE Lab	91.44, -8.75, -5.73
CIE LCh	91, 10.459, 213.200
Yxy	79.4636, 0.2904, 0.3236
Android (android.graphics.Color)	4291751153 (0xFFCEECE1)
YUV	227.6000, 6.6062, -18.9432
Hunter-Lab	89.1424, -13.1745, -0.6519

Details

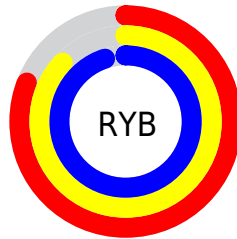
The XYZ color **71.3262, 79.4636, 94.7978** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7109, 69.7452, 68.1292**, and the grayscale version is **73.4160, 77.2394, 84.1137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8407, 42.7246, 52.1512** is the 20% darker color. If you saturate the color by 10%, you get **64.1614, 74.3157, 94.1830**, and if you desaturate by 10%, it is **79.5405, 85.1851, 95.4705**.

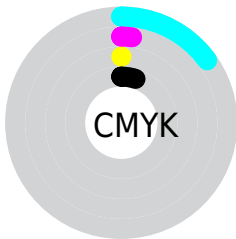
Distribution



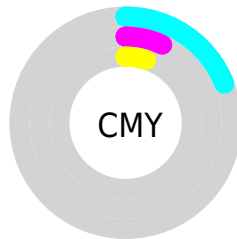
- Red (81%)
- Green (93%)
- Blue (95%)



- Red (81%)
- Yellow (87%)
- Blue (95%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3262, 79.4636, 94.7978 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.3262, 79.4636, 94.7978 by changing the saturation by 10% instead.

71.3262, 79.4636,
94.7978

71.3262, 79.4636,
94.7978

454.3871,
493.1233, 564.4853

52.8919, 59.2771,
71.3707

120.1141,
132.6113, 155.9784

37.9436, 42.8362,
52.1611

151.1984,
166.3413, 194.5690

26.1160, 29.7566,
36.7504

187.2301,
205.3545, 239.0512

17.0436, 19.6539,
24.7200

228.5746,
250.0354, 289.8436

10.3610, 12.1437,
15.6515

275.5971,
300.7683, 347.3646

5.7031, 6.8416,
9.1262

328.6632,

2.7043, 3.3633,

357.9377, 412.0329

4.7256

388.1380,
421.9279, 484.2669

■ 0.9994, 1.3242,
2.0313

■ 0.0000, 0.1598,
0.5744

■ 71.3262, 79.4636,
94.7978

■ 71.3262, 79.4636,
94.7978

■ 64.1614, 74.3157,
94.1830

■ 79.5405, 85.1851,
95.4705

■ 57.9926, 69.7072,
93.6187

■ 88.8411, 91.4931,
96.1978

■ 52.7718, 65.6155,
93.1040

■ 90.1727, 93.7214,
96.5578

■ 48.4442, 62.0121,
92.6366

■ 91.2308, 95.8376,
96.9105

■ 44.9494, 58.8658,
92.2135

■ 92.3083, 97.9928,
97.2697

■ 42.2193, 56.1412,
91.8315

■ 92.8774, 99.1310,
97.4594

■ 40.1750, 53.7975,
91.4868

■ 38.7196, 51.7846,
91.1750

■ 38.0925, 50.7812,
91.0144

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5328, 79.4636, 87.3430



71.3262, 79.4636, 94.7978



73.2439, 79.4636, 100.2740

Triad

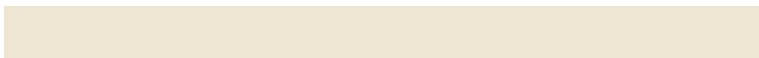
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3262, 79.4636, 94.7978



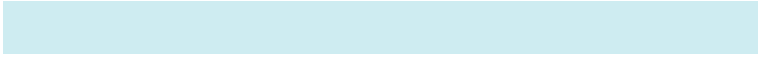
80.1881, 79.4636, 93.2999



75.2425, 79.4636, 72.6990

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



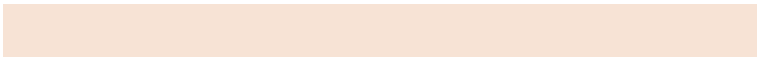
71.3262, 79.4636, 94.7978



70.7109, 69.7452, 68.1292

Split Complementary

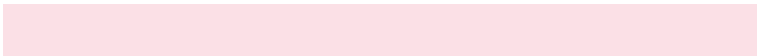
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8586, 79.4636, 74.0892



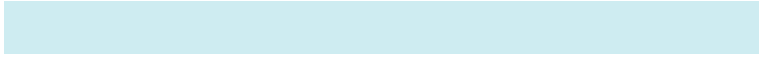
71.3262, 79.4636, 94.7978



80.7532, 79.4636, 85.7069

Square

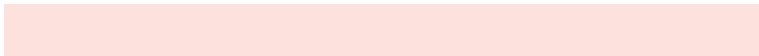
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3262, 79.4636, 94.7978



78.3646, 79.4636, 99.3741



79.8912, 79.4636, 78.7431



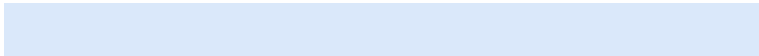
72.7602, 79.4636, 74.8293

Rectangle

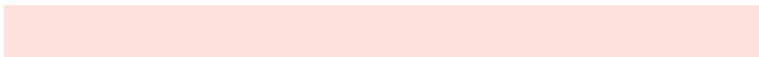
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



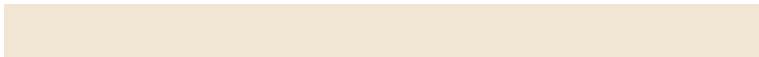
71.3262, 79.4636, 94.7978



74.9235, 79.4636, 101.9059



79.8912, 79.4636, 78.7431



76.1353, 79.4636, 72.7705

Sweetspot

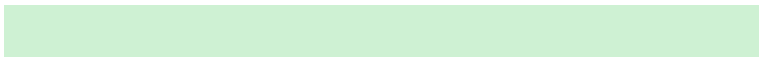
The Sweet Spot groups the original color and five complimentary colors.



71.3285, 79.4669, 94.7996



90.9337, 97.1910, 108.5748



68.6263, 80.7202, 73.3740



19.3026, 20.6924, 23.2266



0.0000, 0.0000, 0.0000



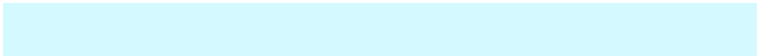
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3285, 79.4669, 94.7996



78.9180, 88.7999, 107.5884



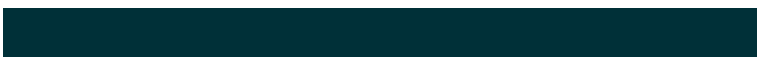
66.6202, 70.0502, 93.2301



16.0438, 17.5217, 20.2580



20.7328, 27.6898, 49.3798



1.7769, 2.4079, 4.1253

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.4890, 68.9011, 88.7867



81.7655, 74.9999, 99.6353



75.2068, 78.7369, 69.6278



16.3516, 15.9903, 19.4075



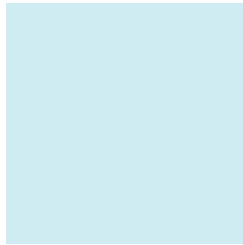
25.7906, 12.5887, 33.1433



2.1719, 1.0578, 2.8959

Previews

White Background



This preview shows how the XYZ color 71.3262, 79.4636, 94.7978 looks on a white background.

Color Contrast Check

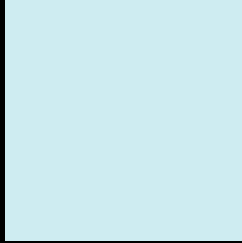
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.3262, 79.4636, 94.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

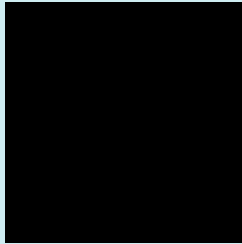
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3262, 79.4636, 94.7978

Background



This preview shows how black text looks on a background with the XYZ color 71.3262, 79.4636, 94.7978.



This preview shows how white text looks on a background with the XYZ color 71.3262, 79.4636,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

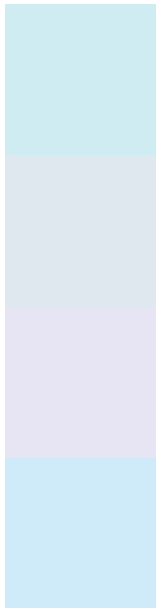




Tritanopia

73.1649, 79.3474, 104.3879

Trichromacy



Original Color

71.3262, 79.4636, 94.7978

Protanomaly

74.7207, 79.5742, 92.3101

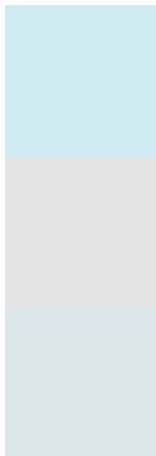
Deuteranomaly

76.8761, 78.9468, 95.9805

Tritanomaly

72.5393, 79.5216, 101.1485

Monochromacy



Original Color

71.3262, 79.4636, 94.7978

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.7991, 78.2507, 88.3578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3262, 79.4636, 94.7978 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 236, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 236, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 236, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.3262, 79.4636, 94.7978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 236, 241) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 236, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 236, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 236, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 236, 241); box-shadow:4px 4px 4px 4px rgb(206, 236, 241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3262, 79.4636, 94.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 236, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
236, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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