

Converting Colors

XYZ(73.1816, 78.7680, 94.7704)

Have a look what the booklet for
XYZ(73.1816, 78.7680, 94.7704)
contains.

XYZ(73.0527, 78.6630, 94.5523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0527, 78.6630,
94.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E8F1
RGB	216, 232, 241
RGB Percent	85%, 91%, 95%
CMY	0.1529, 0.0902, 0.0549
CMYK	0.10, 0.04, 0.00, 0.05
HSL	202°, 47%, 90%
HSV	202°, 10%, 95%
XYZ	73.0527, 78.6630, 94.5523
YIQ	228.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

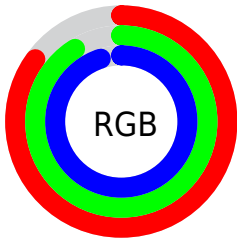
Format	Color
R _Y B	216, 226, 241
Decimal	14215409
CIE Lab	91.08, -3.55, -6.19
CIE LCh	91, 7.135, 240.119
Yxy	78.6630, 0.2966, 0.3194
Android (android.graphics.Color)	4292405489 (0xFFD8E8F1)
YUV	228.2420, 6.2897, -10.7362
Hunter-Lab	88.6922, -8.1869, -1.1229

Details

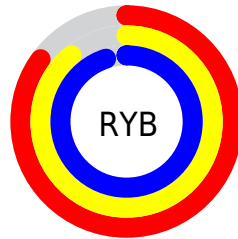
The XYZ color **73.0527, 78.6630, 94.5523** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5960, 77.5087, 75.9435**, and the grayscale version is **73.8837, 77.7314, 84.6495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9802, 42.1305, 51.9765** is the 20% darker color. If you saturate the color by 10%, you get **64.0673, 70.4977, 93.4510**, and if you desaturate by 10%, it is **83.2074, 87.6142, 95.7461**.

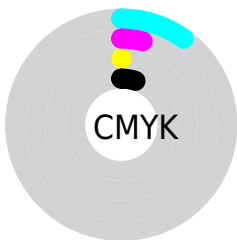
Distribution



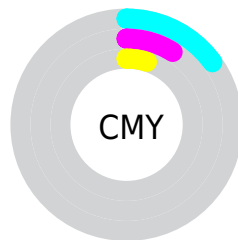
- Red (85%)
- Green (91%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0527, 78.6630, 94.5523 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 73.0527, 78.6630, 94.5523 by changing the saturation by 10% instead.

■ 73.0527, 78.6630,
94.5523

■ 73.0527, 78.6630,
94.5523

460.2984,
490.4155, 563.6784

■ 54.3076, 58.6188,
71.1676

122.5548,
131.4843, 155.6362

■ 39.0793, 42.3063,
51.9963

154.0424,
165.0302, 194.1725

■ 27.0024, 29.3412,
36.6199

190.5083,
203.8454, 238.5963

■ 17.7116, 19.3391,
24.6199

232.3177,
248.3144, 289.3263

■ 10.8416, 11.9156,
15.5776

279.8361,
298.8215, 346.7810

■ 6.0269, 6.6862,
9.0747

333.4288,

■ 2.9023, 3.2666,

355.7511, 411.3788

4.6924

393.4611,
419.4877, 483.5385

■ 1.1023, 1.2725,
2.0124

■ 0.0270, 0.1197,
0.5629

■ 73.0527, 78.6630,
94.5523

■ 73.0527, 78.6630,
94.5523

■ 64.0673, 70.4977,
93.4510

■ 83.2074, 87.6142,
95.7461

■ 56.1975, 63.0816,
92.4344

■ 91.1017, 95.5794,
96.8674

■ 49.3950, 56.3895,
91.5012

■ 92.8774, 99.1310,
97.4594

■ 43.6055, 50.3906,
90.6485

■ 38.7694, 45.0516,
89.8728

■ 34.8202, 40.3353,
89.1706

■ 31.6823, 36.1998,
88.5378

■ 29.2656, 32.5958,
87.9695

■ 27.4781, 29.5523,
87.4763

Harmonies

Analogous

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



71.8076, 78.6630, 90.7308



73.0527, 78.6630, 94.5523



74.7740, 78.6630, 95.9693

Triad

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



73.0527, 78.6630, 94.5523



78.2880, 78.6630, 85.6300



73.0404, 78.6630, 77.3453

Complementary

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



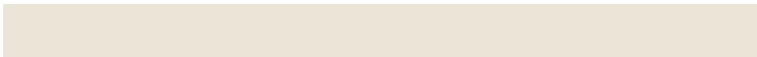
73.0527, 78.6630, 94.5523



75.5960, 77.5087, 75.9435

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.



74.7596, 78.6630, 76.0995



73.0527, 78.6630, 94.5523



77.8062, 78.6630, 80.7638

Square

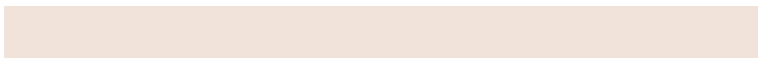
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0527, 78.6630, 94.5523



77.8136, 78.6630, 90.6936



76.5075, 78.6630, 77.3260



71.8006, 78.6630, 80.7982

Rectangle

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



73.0527, 78.6630, 94.5523



75.9658, 78.6630, 95.3171



76.5075, 78.6630, 77.3260



73.5805, 78.6630, 76.6608

Sweetspot

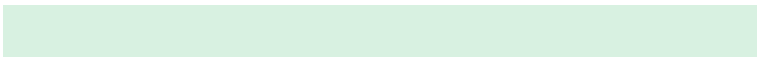
The Sweet Spot groups the original color and five complimentary colors.



73.0550, 78.6663, 94.5540



91.4194, 96.8339, 108.4802



73.3321, 82.9335, 83.1996



19.3643, 20.5483, 23.1956



0.0000, 0.0000, 0.0000



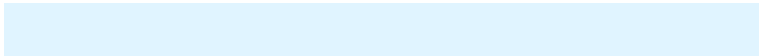
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0550, 78.6663, 94.5540



81.2617, 87.8254, 107.2768



69.7251, 72.0065, 93.4441



15.7411, 16.9164, 20.1572



15.0328, 16.2899, 47.4798



1.3445, 1.5429, 3.9812

Inverse Universe

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



75.3988, 73.6403, 86.5878



84.3306, 81.3175, 96.8296



79.0282, 84.3732, 77.0876



16.1988, 15.9292, 18.6030



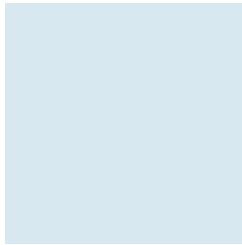
22.9135, 11.4378, 17.9929



1.9536, 0.9705, 1.7463

Previews

White Background



This preview shows how the XYZ color 73.0527, 78.6630, 94.5523 looks on a white background.

Color Contrast Check

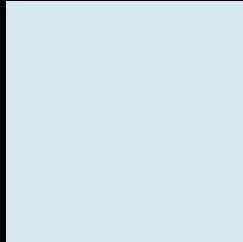
Large Text (above 18pt) WCAG AA × Fail

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 73.0527, 78.6630, 94.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

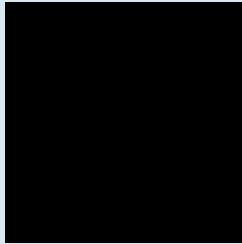
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

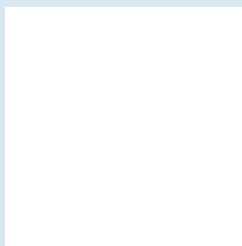
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0527, 78.6630, 94.5523

Background



This preview shows how black text looks on a background with the XYZ color 73.0527, 78.6630, 94.5523.

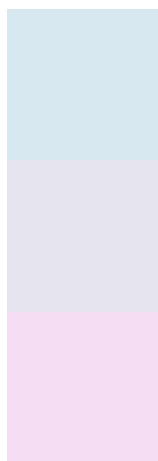


This preview shows how white text looks on a background with the XYZ color 73.0527, 78.6630,

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



Original Color

73.0527, 78.6630, 94.5523

Protanopia

75.9565, 78.5418, 92.8181

Deuteranopia

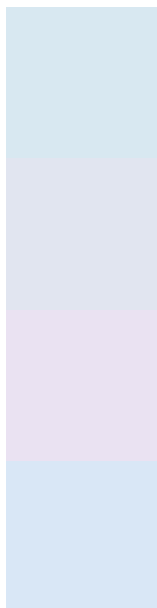
79.9551, 78.1261, 95.6598



Tritanopia

74.2901, 78.7431, 100.9060

Trichromacy



Original Color

73.0527, 78.6630, 94.5523

Protanomaly

74.7988, 78.3374, 93.6164

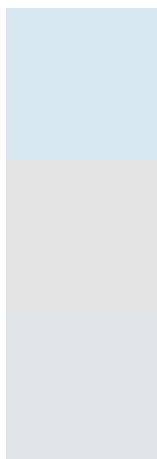
Deuteranomaly

77.1551, 78.2959, 95.0505

Tritanomaly

73.8257, 78.5574, 98.4608

Monochromacy



Original Color

73.0527, 78.6630, 94.5523

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4678, 77.7691, 88.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0527, 78.6630, 94.5523 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(216, 232, 241)` looks like.

```
.text, #text, p{  
    color:rgb(216, 232, 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(216, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 232, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.0527, 78.6630, 94.5523 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(216, 232, 241) }
```


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

```
.border{ border-color:rgb(216, 232, 241) }
```

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

Here you see how a box with a 4 pixel rgb(216, 232, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(216, 232,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0527, 78.6630, 94.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 232, 241) }
```

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

```
.background{ background-color: rgb(216,  
232, 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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