

Converting Colors

XYZ(73.0648, 78.3432, 95.3059)

Have a look what the booklet for
XYZ(73.0648, 78.3432, 95.3059)
contains.

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Color

**XYZ(72.9218, 78.1616,
95.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E7F2
RGB	216, 231, 242
RGB Percent	85%, 91%, 95%
CMY	0.1529, 0.0941, 0.0510
CMYK	0.11, 0.05, 0.00, 0.05
HSL	205°, 50%, 90%
HSV	205°, 11%, 95%
XYZ	72.9218, 78.1616, 95.2477
YIQ	227.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

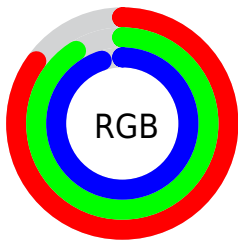
Format	Color
R _Y B	216, 226, 242
Decimal	14215154
CIE Lab	90.85, -2.85, -7.05
CIE LCh	91, 7.599, 248.009
Yxy	78.1616, 0.2960, 0.3173
Android (android.graphics.Color)	4292405234 (0xFFD8E7F2)
YUV	227.7690, 7.0159, -10.3214
Hunter-Lab	88.4090, -7.4850, -1.9899

Details

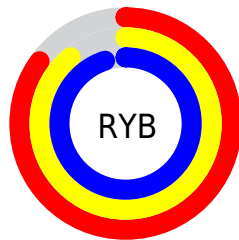
The XYZ color **72.9218, 78.1616, 95.2477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4820, 78.7727, 76.1406**, and the grayscale version is **73.5328, 77.3622, 84.2475**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8908, 41.7822, 52.4694** is the 20% darker color. If you saturate the color by 10%, you get **63.5111, 69.1830, 94.0119**, and if you desaturate by 10%, it is **83.5576, 88.0246, 96.5921**.

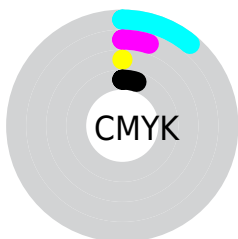
Distribution



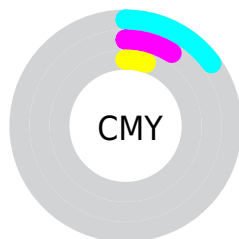
- Red (85%)
- Green (91%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9218, 78.1616, 95.2477 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 72.9218, 78.1616, 95.2477 by changing the saturation by 10% instead.

■ 72.9218, 78.1616,
95.2477

■ 72.9218, 78.1616,
95.2477

459.8517,
488.7155, 565.9622

■ 54.2002, 58.2067,
71.7431

122.3699,
130.7779, 156.6053

■ 38.9930, 41.9749,
52.4633

153.8271,
164.2081, 195.2954

■ 26.9350, 29.0816,
36.9897

190.2602,
202.8989, 239.8844

■ 17.6607, 19.1426,
24.9038

232.0346,
247.2347, 290.7909

■ 10.8049, 11.7733,
15.7870

279.5156,
297.5999, 348.4334

■ 6.0021, 6.5895,
9.2209

333.0685,

■ 2.8870, 3.2068,

354.3788, 413.2304

4.7867

393.0588,
417.9558, 485.6005

■ 1.0943, 1.2406,
2.0661

■ 0.0204, 0.0945,
0.5955

■ 72.9218, 78.1616,
95.2477

■ 72.9218, 78.1616,
95.2477

■ 63.5111, 69.1830,
94.0119

■ 83.5576, 88.0246,
96.5921

■ 55.2698, 61.0498,
92.8764

■ 91.9132, 96.9628,
97.8770

■ 48.1483, 53.7339,
91.8396

■ 93.0272, 99.1909,
98.2483

■ 42.0901, 47.2019,
90.8981

■ 37.0335, 41.4174,
90.0481

■ 32.9099, 36.3404,
89.2855

■ 29.6411, 31.9256,
88.6056

■ 27.1340, 28.1201,
88.0032

■ 25.3542, 25.0648,
87.5073

Harmonies

Analogous

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



71.4305, 78.1616, 91.7556



72.9218, 78.1616, 95.2477



74.8038, 78.1616, 95.9647

Triad

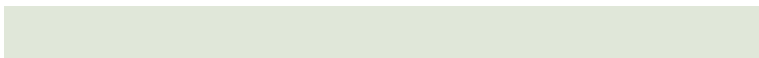
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9218, 78.1616, 95.2477



77.9913, 78.1616, 83.6459



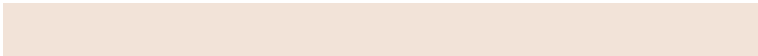
72.0489, 78.1616, 77.0739

Complementary

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



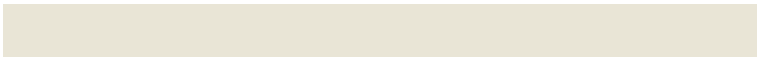
72.9218, 78.1616, 95.2477



76.4820, 78.7727, 76.1406

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.



73.7791, 78.1616, 75.0966



72.9218, 78.1616, 95.2477



77.2253, 78.1616, 78.7832

Square

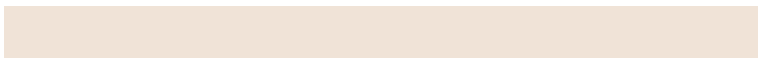
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9218, 78.1616, 95.2477



77.7523, 78.1616, 89.1094



75.6757, 78.1616, 75.7086



70.9326, 78.1616, 81.2218

Rectangle

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



72.9218, 78.1616, 95.2477



76.0305, 78.1616, 94.7449



75.6757, 78.1616, 75.7086



72.5768, 78.1616, 76.1416

Sweetspot

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



72.9241, 78.1649, 95.2494



91.2678, 96.5308, 108.4297



73.9144, 83.6413, 84.8024



19.3234, 20.4664, 23.1819



0.0000, 0.0000, 0.0000



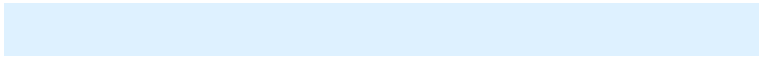
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9241, 78.1649, 95.2494



79.5775, 85.6244, 106.9407



69.4618, 71.2404, 94.0954



15.6548, 16.7437, 20.1284



13.7585, 13.7413, 47.0551



1.2429, 1.3397, 3.9473

Inverse Universe

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



75.5994, 73.7600, 85.8578



83.1956, 79.7726, 94.2158



80.1249, 86.0585, 77.3549



16.1552, 15.9118, 18.3735



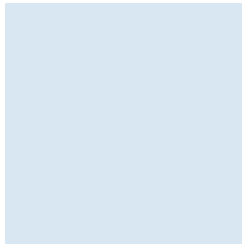
22.2703, 11.1805, 14.6058



1.9023, 0.9500, 1.4763

Previews

White Background



This preview shows how the XYZ color 72.9218, 78.1616, 95.2477 looks on a white background.

Color Contrast Check

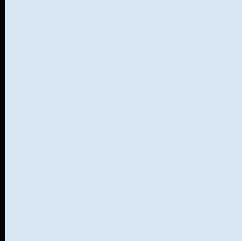
Large Text (above 18pt) WCAG AA × Fail

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 72.9218, 78.1616, 95.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

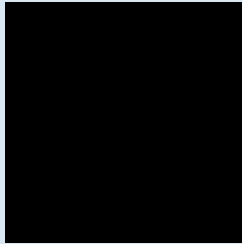
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

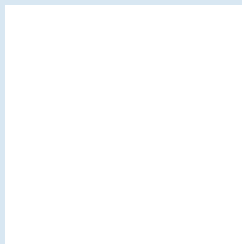
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9218, 78.1616, 95.2477

Background



This preview shows how black text looks on a background with the XYZ color 72.9218, 78.1616, 95.2477.

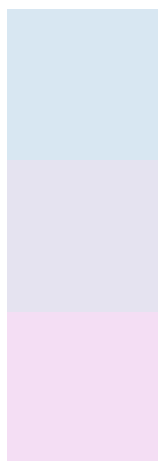


This preview shows how white text looks on a background with the XYZ color 72.9218, 78.1616,

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

72.9218, 78.1616, 95.2477

Protanopia

75.5104, 77.8875, 93.4920

Deuteranopia

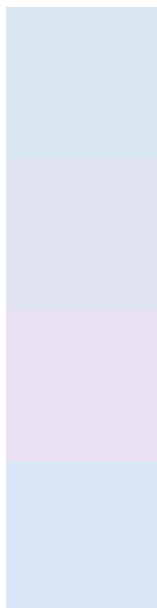
79.7586, 78.0073, 96.4411



Tritanopia

73.8554, 78.1227, 99.9935

Trichromacy



Original Color

72.9218, 78.1616, 95.2477

Protanomaly

74.3611, 77.6850, 94.2945

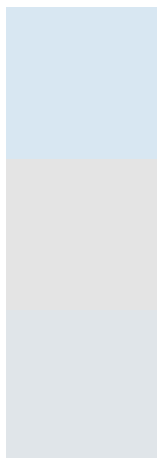
Deuteranomaly

77.0346, 77.8139, 95.7534

Tritanomaly

73.5466, 77.9992, 98.3678

Monochromacy



Original Color

72.9218, 78.1616, 95.2477

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 72.9218, 78.1616, 95.2477 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, 231, 242) looks like.

```
.text, #text, p{  
    color:rgb(216, 231, 242)  
}
```

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, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 231, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.9218, 78.1616, 95.2477 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, 231, 242) }
```


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

```
.border{ border-color:rgb(216, 231, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 231, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(216, 231,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9218, 78.1616, 95.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 231, 242) }
```

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

```
.background{ background-color: rgb(216,  
231, 242) }
```

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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