

Converting Colors

XYZ(59.0004, 71.7059, 74.9728)

Have a look what the booklet for
XYZ(59.0004, 71.7059, 74.9728)
contains.

XYZ(59.0269, 71.8496, 75.0473)	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(59.0269, 71.8496,
75.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8D7
RGB	176, 232, 215
RGB Percent	69%, 91%, 84%
CMY	0.3098, 0.0902, 0.1569
CMYK	0.24, 0.00, 0.07, 0.09
HSL	162°, 55%, 80%
HSV	162°, 24%, 91%
XYZ	59.0269, 71.8496, 75.0473
YIQ	213.3180, -27.9190, -17.1590

Conversions

Conversions Part 2

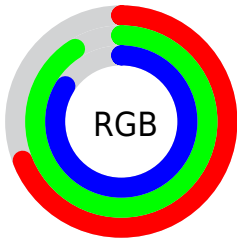
Format	Color
RYB	176, 209, 232
Decimal	11593943
CIELab	87.90, -21.24, 2.46
CIELCh	88, 21.384, 173.382
Yxy	71.8496, 0.2866, 0.3489
Android (android.graphics.Color)	4289784023 (0xFFB0E8D7)
YUV	213.3180, 0.8292, -32.7279
Hunter-Lab	84.7641, -24.0359, 6.8415

Details

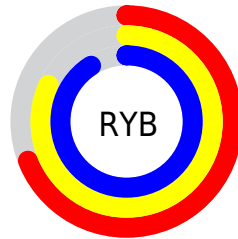
The XYZ color **59.0269, 71.8496, 75.0473** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.4323, 52.0587, 57.4238**, and the grayscale version is **63.4684, 66.7737, 72.7165**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **29.8965, 37.7263, 38.9639** is the 20% darker color. If you saturate the color by 10%, you get **53.3374, 69.0208, 70.1585**, and if you desaturate by 10%, it is **65.6559, 75.1620, 80.1866**.

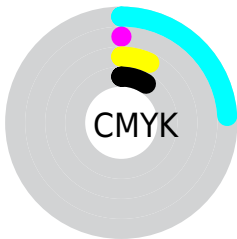
Distribution



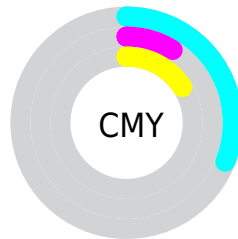
- Red (69%)
- Green (91%)
- Blue (84%)



- Red (69%)
- Yellow (82%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0269, 71.8496, 75.0473 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 59.0269, 71.8496, 75.0473 by changing the saturation by 10% instead.

■ 59.0269, 71.8496,
75.0473

■ 59.0269, 71.8496,
75.0473

410.8940,
467.0179, 497.3399

■ 42.8812, 53.0358,
55.1497

■ 102.5312,
121.8427, 128.1270

■ 29.9861, 37.8314,
39.1222

130.6205,
153.7908, 162.1462

■ 19.9760, 25.8518,
26.5462

163.4217,
190.8858, 201.7097

■ 12.4858, 16.7128,
17.0033

201.3002,
233.5120, 247.2359

■ 7.1500, 10.0300,
10.0749

244.6213,
282.0540, 299.1435

■ 3.6032, 5.4188,
5.3424

293.7504,

■ 1.4802, 2.4950,

336.8960, 357.8510

2.3873

349.0529,
398.4226, 423.7770

■ 0.3123, 0.8742,
0.7795

■ 0.0000, 0.0000,
0.0000

■ 59.0269, 71.8496,
75.0473

■ 59.0269, 71.8496,
75.0473

■ 53.3374, 69.0208,
70.1585

■ 65.6559, 75.1620,
80.1866

■ 48.5353, 66.6431,
65.5106

■ 73.2612, 78.9713,
85.5760

■ 44.5725, 64.6938,
61.1004

■ 81.8849, 83.3009,
91.2215

■ 41.3939, 63.1443,
56.9225

■ 86.3023, 85.4576,
96.8808

■ 38.9374, 61.9629,
52.9716

■ 87.3879, 85.8918,
102.5974

■ 37.1312, 61.1124,
49.2414

■ 88.1479, 86.1958,
106.5993

■ 35.8878, 60.5479,
45.7250

■ 35.3409, 60.3090,
43.7584

Harmonies

Analogous

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



60.7360, 71.8496, 62.6821



59.0269, 71.8496, 75.0473



59.6993, 71.8496, 89.8861

Triad

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



59.0269, 71.8496, 75.0473



72.2473, 71.8496, 106.8692



74.2939, 71.8496, 57.8303

Complementary

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



59.0269, 71.8496, 75.0473



58.4323, 52.0587, 57.4238

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.



77.6696, 71.8496, 67.6315



59.0269, 71.8496, 75.0473



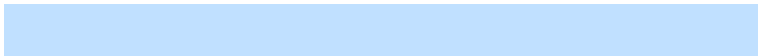
76.4477, 71.8496, 96.1618

Square

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



59.0269, 71.8496, 75.0473



67.1696, 71.8496, 109.4932



78.4767, 71.8496, 81.5055



69.4246, 71.8496, 53.5712

Rectangle

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



59.0269, 71.8496, 75.0473



61.4247, 71.8496, 99.0970



78.4767, 71.8496, 81.5055



75.6505, 71.8496, 60.5228

Sweetspot

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



59.0289, 71.8526, 75.0489



87.9248, 96.4262, 104.0760



58.8752, 72.2850, 51.9250



18.6943, 20.5764, 22.1891



0.0000, 0.0000, 0.0000



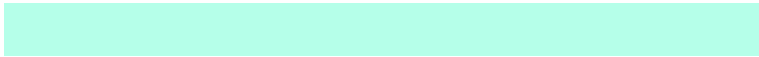
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0289, 71.8526, 75.0489



69.4713, 87.2072, 89.9238



58.5228, 67.1601, 86.2260



14.6113, 16.2579, 17.4839



19.6775, 33.5031, 24.5999



1.4949, 2.4921, 2.0328

Inverse Universe

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



58.4323, 52.0587, 57.4238



68.6135, 58.6639, 64.5210



58.7327, 55.5228, 48.6971



14.5562, 14.4397, 15.8635



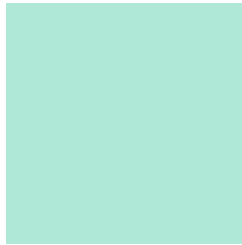
19.1455, 9.7924, 4.3951



1.4550, 0.7397, 0.5363

Previews

White Background



This preview shows how the XYZ color 59.0269, 71.8496, 75.0473 looks on a white background.

Color Contrast Check

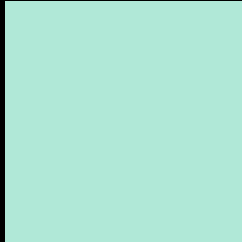
Large Text (above 18pt) WCAG AA × Fail

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 59.0269, 71.8496, 75.0473 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

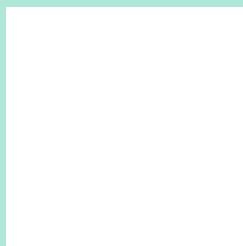
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0269, 71.8496, 75.0473

Background



This preview shows how black text looks on a background with the XYZ color 59.0269, 71.8496, 75.0473.



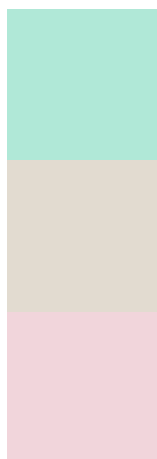
This preview shows how white text looks on a background with the XYZ color 59.0269, 71.8496,

75.0473.

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

59.0269, 71.8496, 75.0473

Protanopia

68.0807, 71.3859, 69.8651

Deuteranopia

72.8561, 71.4037, 76.9602



Tritanopia

63.3950, 71.5371, 97.6555

Trichromacy



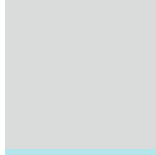
Original Color

59.0269, 71.8496, 75.0473



Protanomaly

64.4260, 71.4244, 72.0187



Deuteranomaly

66.8634, 71.0001, 76.5100



Tritanomaly

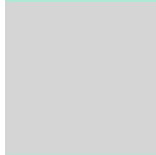
61.8371, 71.7401, 89.1853

Monochromacy



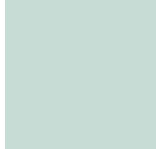
Original Color

59.0269, 71.8496, 75.0473



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.5502, 68.3208, 73.5615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0269, 71.8496, 75.0473 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(176, 232, 215)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 215)  
}
```

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(176, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.0269, 71.8496, 75.0473 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(176, 232, 215) }
```


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

```
.border{ border-color:rgb(176, 232, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 215);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0269, 71.8496, 75.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 215) }
```

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

```
.background{ background-color: rgb(176,  
232, 215) }
```

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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