

Converting Colors

XYZ(51.3295, 58.2497, 72.1536)

Have a look what the booklet for
XYZ(51.3295, 58.2497, 72.1536)
contains.

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Color

**XYZ(51.2450, 58.1386,
72.1393)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCFD6
RGB	171, 207, 214
RGB Percent	67%, 81%, 84%
CMY	0.3294, 0.1882, 0.1608
CMYK	0.20, 0.03, 0.00, 0.16
HSL	190°, 34%, 75%
HSV	190°, 20%, 84%
XYZ	51.2450, 58.1386, 72.1393
YIQ	197.0340, -23.7030, -5.4550

Conversions

Conversions Part 2

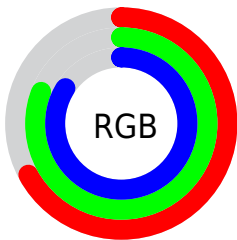
Format	Color
RYB	171, 191, 214
Decimal	11259862
CIELab	80.82, -10.36, -7.43
CIELCh	81, 12.749, 215.653
Yxy	58.1386, 0.2823, 0.3203
Android (android.graphics.Color)	4289449942 (0xFFABC6D6)
YUV	197.0340, 8.3642, -22.8318
Hunter-Lab	76.2487, -13.4694, -2.7205

Details

The XYZ color **51.2450, 58.1386, 72.1393** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0032, 49.0773, 45.3139**, and the grayscale version is **53.0542, 55.8171, 60.7848**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **25.1205, 29.1372, 37.1009** is the 20% darker color. If you saturate the color by 10%, you get **46.1217, 54.2602, 71.6617**, and if you desaturate by 10%, it is **57.1450, 62.4480, 72.6611**.

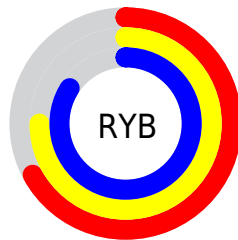
Distribution



Red (67%)

Green (81%)

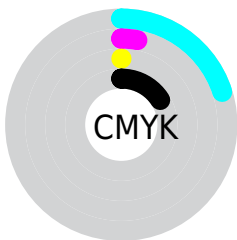
Blue (84%)



Red (67%)

Yellow (75%)

Blue (84%)

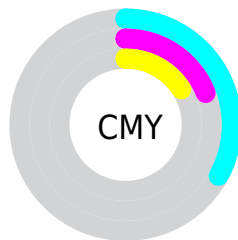


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2450, 58.1386, 72.1393 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 51.2450, 58.1386, 72.1393 by changing the saturation by 10% instead.

■ 51.2450, 58.1386,
72.1393

■ 51.2450, 58.1386,
72.1393

381.8869,
417.7022, 487.0169

■ 36.6255, 41.9201,
52.7849

■ 91.1977, 102.1247,
123.9641

■ 25.0900, 29.0387,
37.2446

117.2615,
130.6610, 157.2717

■ 16.2732, 19.1101,
25.0996

147.8708,
164.0721, 196.0674

■ 9.8098, 11.7499,
15.9316

183.3909,
202.7423, 240.7697

■ 5.3343, 6.5736,
9.3219

224.1873,
247.0560, 291.7973

■ 2.4815, 3.1969,
4.8521

270.6251,

■ 0.8859, 1.2354,

297.3976, 349.5687

2.1035

323.0699,
354.1515, 414.5024

■ 0.0000, 0.0903,
0.6179

■ 0.0000, 0.0000,
0.0000

■ 51.2450, 58.1386,
72.1393

■ 51.2450, 58.1386,
72.1393

■ 46.1217, 54.2602,
71.6617

■ 57.1450, 62.4480,
72.6611

■ 41.7337, 50.7868,
71.2225

■ 63.8505, 67.1990,
73.2247

■ 38.0432, 47.7002,
70.8212

■ 71.3951, 72.4106,
73.8330

■ 35.0071, 44.9781,
70.4559

■ 79.2168, 77.7931,
74.4597

■ 32.5775, 42.5956,
70.1240

■ 80.1455, 79.6505,
74.7692

■ 30.6994, 40.5242,
69.8232

■ 81.0933, 81.5462,
75.0852

■ 29.3080, 38.7301,
69.5502

■ 82.0605, 83.4806,
75.4076

■ 28.2934, 37.1664,
69.3019

■ 83.0471, 85.4537,
75.7364

■ 84.0532, 87.4659,
76.0718

Harmonies

Analogous

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



50.3707, 58.1386, 64.7425



51.2450, 58.1386, 72.1393



53.1972, 58.1386, 77.4585

Triad

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



51.2450, 58.1386, 72.1393



60.0028, 58.1386, 69.4731



54.7616, 58.1386, 49.9382

Complementary

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



51.2450, 58.1386, 72.1393



51.0032, 49.0773, 45.3139

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.



57.3734, 58.1386, 50.9866



51.2450, 58.1386, 72.1393



60.4537, 58.1386, 61.8851

Square

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



51.2450, 58.1386, 72.1393



58.2639, 58.1386, 75.8356



59.4773, 58.1386, 55.2195



52.3593, 58.1386, 52.2334

Rectangle

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



51.2450, 58.1386, 72.1393



54.8760, 58.1386, 78.8953



59.4773, 58.1386, 55.2195



55.6438, 58.1386, 49.9137

Sweetspot

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



51.2467, 58.1410, 72.1406



88.8543, 95.6345, 108.3839



48.8230, 59.9444, 50.8288



18.8799, 20.3712, 23.1869



0.0000, 0.0000, 0.0000



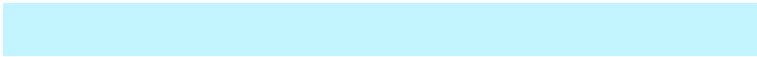
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2467, 58.1410, 72.1406



72.9116, 83.9925, 106.9771



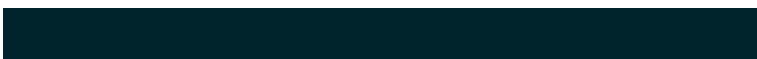
46.5027, 48.6530, 70.5593



12.6122, 13.7477, 15.9264



17.1660, 22.5938, 41.9095



1.0824, 1.4567, 2.5434

Inverse Universe

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



53.5583, 47.9282, 65.4624



76.9750, 66.3497, 95.1688



55.4952, 58.0613, 46.8113



12.8622, 12.5964, 15.2145



21.7235, 10.6257, 26.9116



1.3340, 0.6504, 1.7481

Previews

White Background



This preview shows how the XYZ color 51.2450, 58.1386, 72.1393 looks on a white background.

Color Contrast Check

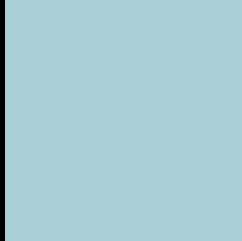
Large Text (above 18pt) WCAG AA × Fail

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 51.2450, 58.1386, 72.1393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

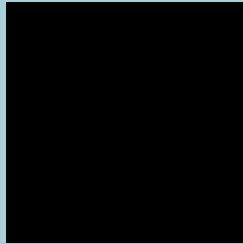
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2450, 58.1386, 72.1393

Background



This preview shows how black text looks on a background with the XYZ color 51.2450, 58.1386, 72.1393.



This preview shows how white text looks on a background with the XYZ color 51.2450, 58.1386,

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

51.2450, 58.1386, 72.1393

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

59.1909, 58.0370, 73.7282



Tritanopia

52.4897, 58.3008, 77.5939

Trichromacy



Original Color

51.2450, 58.1386, 72.1393

Protanomaly

54.1136, 57.8914, 69.9501

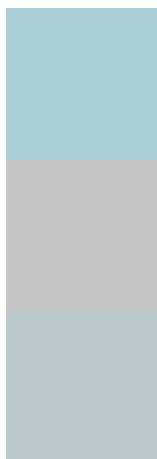
Deuteranomaly

55.8441, 57.6750, 73.1548

Tritanomaly

51.8707, 58.0277, 75.4844

Monochromacy



Original Color

51.2450, 58.1386, 72.1393

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4052, 56.7765, 64.6968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2450, 58.1386, 72.1393 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(171, 207, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 214)  
}
```

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(171, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.2450, 58.1386, 72.1393 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(171, 207, 214) }
```


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

```
.border{ border-color:rgb(171, 207, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2450, 58.1386, 72.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 214) }
```

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

```
.background{ background-color: rgb(171,  
207, 214) }
```

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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