

Converting Colors

XYZ(48.9292, 53.0957, 72.6354)

Have a look what the booklet for
XYZ(48.9292, 53.0957, 72.6354)
contains.

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Color

**XYZ(48.9292, 53.0957,
72.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC4D8
RGB	171, 196, 216
RGB Percent	67%, 77%, 85%
CMY	0.3294, 0.2314, 0.1529
CMYK	0.21, 0.09, 0.00, 0.15
HSL	207°, 37%, 76%
HSV	207°, 21%, 85%
XYZ	48.9292, 53.0957, 72.6354
YIQ	190.8050, -21.3200, 0.9200

Conversions

Conversions Part 2

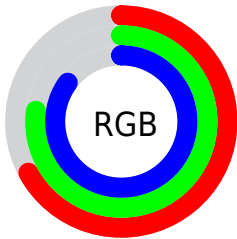
Format	Color
RYB	171, 187, 216
Decimal	11257048
CIELab	77.93, -4.15, -12.80
CIELCh	78, 13.459, 252.032
Yxy	53.0957, 0.2801, 0.3040
Android (android.graphics.Color)	4289447128 (0xFFABC4D8)
YUV	190.8050, 12.4211, -17.3690
Hunter-Lab	72.8668, -7.6562, -8.0950

Details

The XYZ color **48.9292, 53.0957, 72.6354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3009, 54.8008, 46.2449**, and the grayscale version is **49.3488, 51.9188, 56.5396**.

A 20% lighter version of the original color is **84.8538, 93.8015, 108.2410**, and **23.5772, 25.7708, 37.4498** is the 20% darker color. If you saturate the color by 10%, you get **42.5072, 46.6742, 71.7353**, and if you desaturate by 10%, it is **56.2618, 60.1949, 73.6201**.

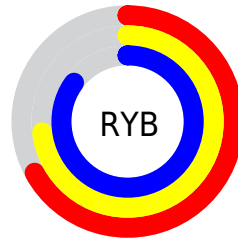
Distribution



Red (67%)

Green (77%)

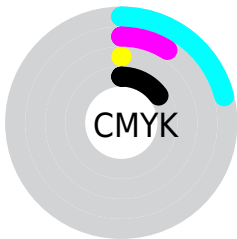
Blue (85%)



Red (67%)

Yellow (73%)

Blue (85%)

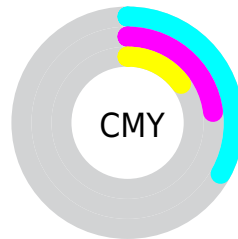


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9292, 53.0957, 72.6354 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 48.9292, 53.0957, 72.6354 by changing the saturation by 10% instead.

■ 48.9292, 53.0957,
72.6354

■ 48.9292, 53.0957,
72.6354

372.9851,
398.6522, 488.7870

■ 34.7776, 37.8792,
53.1879

■ 87.7876, 94.7452,
124.6756

■ 23.6573, 25.8889,
37.5640

113.2252,
121.9469, 158.1053

■ 15.2030, 16.7406,
25.3453

143.1555,
153.9125, 197.0329

■ 9.0492, 10.0497,
16.1131

177.9439,
191.0264, 241.8768

■ 4.8307, 5.4319,
9.4490

217.9557,
233.6729, 293.0557

■ 2.1820, 2.5028,
4.9344

263.5562,

■ 0.7332, 0.8781,

282.2364, 350.9880

2.1508

315.1109,
337.1014, 416.0923

■ 0.0000, 0.0000,
0.6457

■ 0.0000, 0.0000,
0.0000

■ 48.9292, 53.0957,
72.6354

■ 48.9292, 53.0957,
72.6354

■ 42.5072, 46.6742,
71.7353

■ 56.2618, 60.1949,
73.6201

■ 36.9511, 40.8997,
70.9135

■ 64.5375, 67.9884,
74.6882

■ 32.2195, 35.7480,
70.1685

■ 73.7928, 76.4999,
75.8433

■ 28.2653, 31.1911,
69.4974

■ 83.1716, 85.2914,
77.0459

■ 25.0363, 27.1976,
68.8967

■ 85.9851, 90.9185,
77.9837

■ 22.4729, 23.7327,
68.3630

■ 88.9490, 96.8463,
78.9717

■ 20.5048, 20.7556,
67.8921

■ 89.3948, 97.7379,
79.1203

■ 19.1128, 18.3939,
67.5096

Harmonies

Analogous

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



46.8192, 53.0957, 68.0098



48.9292, 53.0957, 72.6354



51.5223, 53.0957, 73.0861

Triad

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



48.9292, 53.0957, 72.6354



55.5499, 53.0957, 54.8592



47.1706, 53.0957, 47.7534

Complementary

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



48.9292, 53.0957, 72.6354



54.3009, 54.8008, 46.2449

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.



49.4240, 53.0957, 44.8299



48.9292, 53.0957, 72.6354



54.2972, 53.0957, 48.6885

Square

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



48.9292, 53.0957, 72.6354



55.4063, 53.0957, 62.3735



52.0344, 53.0957, 45.1567



45.8283, 53.0957, 53.4789

Rectangle

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



48.9292, 53.0957, 72.6354



53.1826, 53.0957, 70.9125



52.0344, 53.0957, 45.1567



47.8432, 53.0957, 46.4337

Sweetspot

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



48.9308, 53.0979, 72.6366



87.5126, 92.9512, 107.9367



50.7005, 61.5103, 58.2038



18.5624, 19.7360, 23.0810



0.0000, 0.0000, 0.0000



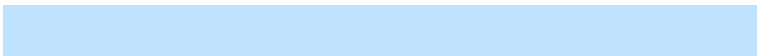
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9308, 53.0979, 72.6366



66.9777, 73.0867, 105.1848



44.3264, 43.8891, 71.1018



12.3090, 13.1415, 15.8253



11.4219, 11.1056, 39.9948



0.7709, 0.8338, 2.4396

Inverse Universe

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



52.8469, 47.7115, 58.6510



73.7450, 64.1586, 80.9316



59.4648, 65.1287, 47.9662



12.7092, 12.5352, 14.4088



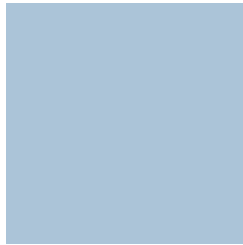
18.8241, 9.4660, 11.6438



1.1768, 0.5875, 0.9202

Previews

White Background



This preview shows how the XYZ color 48.9292, 53.0957, 72.6354 looks on a white background.

Color Contrast Check

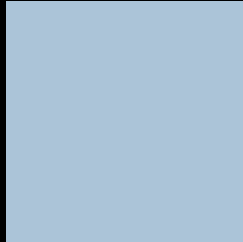
Large Text (above 18pt) WCAG AA × Fail

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 48.9292, 53.0957, 72.6354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

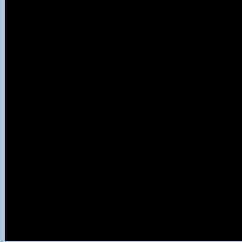
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

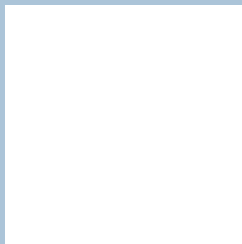
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9292, 53.0957, 72.6354

Background



This preview shows how black text looks on a background with the XYZ color 48.9292, 53.0957, 72.6354.



This preview shows how white text looks on a background with the XYZ color 48.9292, 53.0957,

72.6354.

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

48.9292, 53.0957, 72.6354

Protanopia

51.8762, 53.0128, 70.4491

Deuteranopia

53.9784, 52.7447, 73.6654



Tritanopia

48.4275, 53.2320, 70.0098

Trichromacy



Original Color

48.9292, 53.0957, 72.6354

Protanomaly

50.7360, 53.0622, 71.1863

Deuteranomaly

51.9241, 52.6555, 73.0725

Tritanomaly

48.5541, 53.2826, 70.6763

Monochromacy



Original Color

48.9292, 53.0957, 72.6354

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.2625, 52.5004, 62.1808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9292, 53.0957, 72.6354 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, 196, 216)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 216)  
}
```

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, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 216) }
```

Border

The CSS property to change the border of an element to XYZ 48.9292, 53.0957, 72.6354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

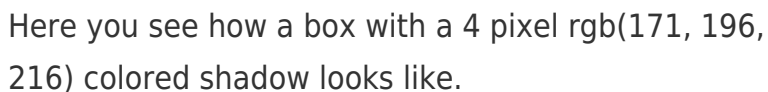
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 196, 216) }
```


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

```
.border{ border-color:rgb(171, 196, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 196, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 196, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 196, 216); box-shadow:4px 4px 4px 4px rgb(171, 196, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9292, 53.0957, 72.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 216) }
```

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

```
.background{ background-color: rgb(171,  
196, 216) }
```

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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