

Converting Colors

XYZ(48.7503, 53.4049, 56.9768)

Have a look what the booklet for
XYZ(48.7503, 53.4049, 56.9768)
contains.

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Color

**XYZ(48.6723, 53.3087,
57.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C4BF
RGB	183, 196, 191
RGB Percent	72%, 77%, 75%
CMY	0.2823, 0.2314, 0.2510
CMYK	0.07, 0.00, 0.03, 0.23
HSL	157°, 10%, 74%
HSV	157°, 7%, 77%
XYZ	48.6723, 53.3087, 57.0145
YIQ	191.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

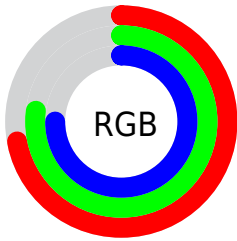
Format	Color
RYB	183, 191, 196
Decimal	12043455
CIELab	78.06, -5.40, 0.96
CIElCh	78, 5.481, 169.863
Yxy	53.3087, 0.3061, 0.3353
Android (android.graphics.Color)	4290233535 (0xFFB7C4BF)
YUV	191.5430, -0.2677, -7.4922
Hunter-Lab	73.0128, -8.7795, 4.8104

Details

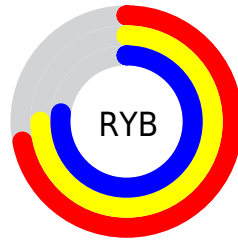
The XYZ color **48.6723, 53.3087, 57.0145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7774, 49.2349, 54.5119**, and the grayscale version is **49.8419, 52.4376, 57.1045**.

A 20% lighter version of the original color is **87.5104, 95.3167, 101.7814**, and **23.4664, 25.9268, 27.8123** is the 20% darker color. If you saturate the color by 10%, you get **43.5226, 50.7489, 52.5528**, and if you desaturate by 10%, it is **54.5170, 56.2249, 61.7341**.

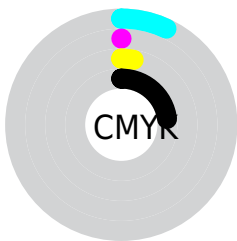
Distribution



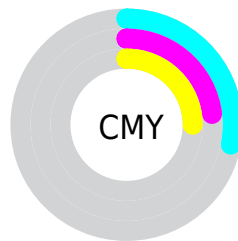
- Red (72%)
- Green (77%)
- Blue (75%)



- Red (72%)
- Yellow (75%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6723, 53.3087, 57.0145 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 48.6723, 53.3087, 57.0145 by changing the saturation by 10% instead.

■ 48.6723, 53.3087,
57.0145

■ 48.6723, 53.3087,
57.0145

371.9892,
399.4684, 430.9989

■ 34.5731, 38.0493,
40.6074

■ 87.4082, 95.0585,
101.9869

■ 23.4992, 26.0209,
27.6951

112.7756,
122.3176, 131.3893

■ 15.0852, 16.8393,
17.8589

142.6297,
154.3454, 165.9606

■ 8.9659, 10.1200,
10.6803

177.3360,
191.5262, 206.1193

■ 4.7759, 5.4786,
5.7409

217.2597,
234.2446, 252.2839

■ 2.1498, 2.5307,
2.6219

262.7662,

■ 0.7161, 0.8920,

282.8848, 304.8730

0.9037

314.2209,
337.8312, 364.3052

■ 0.0000, 0.0000,
0.0000

■ 48.6723, 53.3087,
57.0145

■ 48.6723, 53.3087,
57.0145

■ 43.5226, 50.7489,
52.5528

■ 54.5170, 56.2249,
61.7341

■ 39.0361, 48.5246,
48.3408

■ 61.0779, 59.5038,
66.7124

■ 35.1851, 46.6231,
44.3749

■ 68.3810, 63.1602,
71.9551

■ 31.9382, 45.0283,
40.6502

■ 74.0544, 65.9713,
77.3541

■ 29.2613, 43.7228,
37.1616

■ 75.0831, 66.3828,
82.7715

■ 27.1165, 42.6870,
33.9036

■ 76.1576, 66.8126,
88.4297

■ 25.4613, 41.8991,
30.8704

■ 77.2784, 67.2609,
94.3318

■ 24.2464, 41.3339,
28.0559

■ 78.4461, 67.7279,
100.4806

■ 23.4067, 40.9577,
25.4530

■ 79.0309, 67.9619,
103.5603

Harmonies

Analogous

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



49.1135, 53.3087, 54.3326



48.6723, 53.3087, 57.0145



48.7601, 53.3087, 60.0668

Triad

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



48.6723, 53.3087, 57.0145



51.3697, 53.3087, 63.7569



52.0045, 53.3087, 53.6602

Complementary

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



48.6723, 53.3087, 57.0145



48.7774, 49.2349, 54.5119

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.



52.6256, 53.3087, 56.0674



48.6723, 53.3087, 57.0145



52.2556, 53.3087, 61.9210

Square

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



48.6723, 53.3087, 57.0145



50.3075, 53.3087, 64.0322



52.7182, 53.3087, 59.0860



51.0308, 53.3087, 52.4415

Rectangle

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



48.6723, 53.3087, 57.0145



49.1073, 53.3087, 61.8985



52.7182, 53.3087, 59.0860



52.2620, 53.3087, 54.3532

Sweetspot

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



48.6738, 53.3110, 57.0157



92.8841, 98.9198, 107.1579



49.0773, 53.6179, 52.5631



19.9037, 21.1842, 22.9546



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.



48.6738, 53.3110, 57.0157



86.7008, 95.8389, 102.0470



48.9419, 52.9509, 59.8683



10.1990, 11.3606, 12.0511



14.9282, 26.2653, 16.0468



0.6778, 1.1480, 0.8663

Inverse Universe

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



48.7774, 49.2349, 54.5119



86.9285, 86.8857, 96.5475



48.5167, 49.5617, 51.8097



10.2300, 10.1406, 11.3017



15.4918, 7.8865, 5.2361



0.7031, 0.3542, 0.4038

Previews

White Background



This preview shows how the XYZ color 48.6723, 53.3087, 57.0145 looks on a white background.

Color Contrast Check

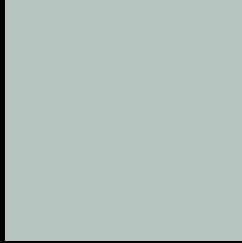
Large Text (above 18pt) WCAG AA × Fail

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 48.6723, 53.3087, 57.0145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

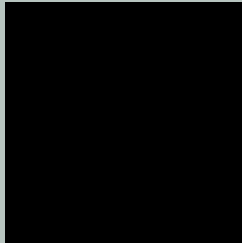
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

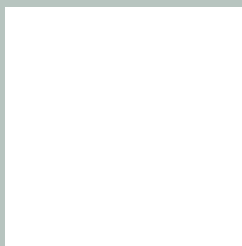
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6723, 53.3087, 57.0145

Background



This preview shows how black text looks on a background with the XYZ color 48.6723, 53.3087, 57.0145.



This preview shows how white text looks on a background with the XYZ color 48.6723, 53.3087,

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

48.6723, 53.3087, 57.0145

Protanopia

51.0609, 53.2437, 55.7300

Deuteranopia

54.2599, 53.2398, 57.8686



Tritanopia

50.8283, 53.1825, 67.9079

Trichromacy



Original Color

48.6723, 53.3087, 57.0145

Protanomaly

50.1025, 53.0641, 56.3169

Deuteranomaly

52.0153, 53.0502, 57.3674

Tritanomaly

49.9600, 53.1621, 63.5053

Monochromacy



Original Color

48.6723, 53.3087, 57.0145

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5707, 52.7645, 57.4411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6723, 53.3087, 57.0145 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(183, 196, 191) looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 191)  
}
```

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(183, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 191) }
```

Border

The CSS property to change the border of an element to XYZ 48.6723, 53.3087, 57.0145 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(183, 196, 191) }
```


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

```
.border{ border-color:rgb(183, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6723, 53.3087, 57.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 191) }
```

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

```
.background{ background-color: rgb(183,  
196, 191) }
```

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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