

Converting Colors

XYZ(47.6729, 51.7948, 57.0048)

Have a look what the booklet for
XYZ(47.6729, 51.7948, 57.0048)
contains.

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Color

**XYZ(47.5300, 51.7253,
56.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C1BF
RGB	181, 193, 191
RGB Percent	71%, 76%, 75%
CMY	0.2902, 0.2431, 0.2510
CMYK	0.06, 0.00, 0.01, 0.24
HSL	170°, 9%, 73%
HSV	170°, 6%, 76%
XYZ	47.5300, 51.7253, 56.7691
YIQ	189.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

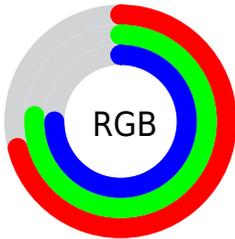
Format	Color
RYB	181, 188, 193
Decimal	11911615
CIELab	77.12, -4.49, -0.43
CIElCh	77, 4.515, 185.408
Yxy	51.7253, 0.3046, 0.3315
Android (android.graphics.Color)	4290101695 (0xFFB5C1BF)
YUV	189.1840, 0.8953, -7.1774
Hunter-Lab	71.9203, -7.8952, 3.5446

Details

The XYZ color **47.5300, 51.7253, 56.7691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0653, 47.8055, 51.5490**, and the grayscale version is **48.4740, 50.9984, 55.5373**.

A 20% lighter version of the original color is **85.5892, 92.4713, 101.3334**, and **22.8676, 25.1803, 27.6998** is the 20% darker color. If you saturate the color by 10%, you get **42.9640, 49.4134, 54.7263**, and if you desaturate by 10%, it is **52.7337, 54.3679, 58.8846**.

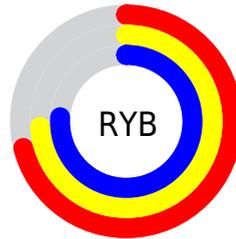
Distribution



Red (71%)

Green (76%)

Blue (75%)



Red (71%)

Yellow (74%)

Blue (76%)

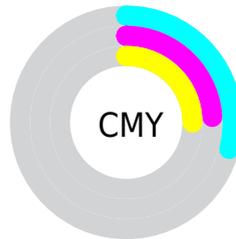


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5300, 51.7253, 56.7691 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 47.5300, 51.7253, 56.7691 by changing the saturation by 10% instead.

■ 47.5300, 51.7253,
56.7691

■ 47.5300, 51.7253,
56.7691

367.5398,
393.3752, 430.0530

■ 33.6645, 36.7862,
40.4118

■ 85.7181, 92.7260,
101.6252

■ 22.7977, 25.0420,
27.5435

110.7715,
119.5563, 130.9610

■ 14.5641, 16.1083,
17.7458

140.2850,
151.1192, 165.4601

■ 8.5983, 9.6008,
10.6001

174.6237,
187.7990, 205.5409

■ 4.5351, 5.1351,
5.6878

214.1533,
229.9801, 251.6221

■ 2.0091, 2.3268,
2.5905

259.2389,

■ 0.6391, 0.7878,

278.0469, 304.1222

0.8876

310.2459,
332.3838, 363.4596

■ 0.0000, 0.0000,
0.0000

■ 47.5300, 51.7253,
56.7691

■ 47.5300, 51.7253,
56.7691

■ 42.9640, 49.4134,
54.7263

■ 52.7337, 54.3679,
58.8846

■ 39.0057, 47.4124,
52.7512

■ 58.5949, 57.3471,
61.0708

■ 35.6289, 45.7104,
50.8436

■ 65.1379, 60.6770,
63.3301

■ 32.8043, 44.2921,
49.0017

■ 71.1963, 63.7560,
65.6082

■ 30.4997, 43.1409,
47.2238

■ 71.5864, 63.9121,
67.6627

■ 28.6794, 42.2386,
45.5080

■ 71.9846, 64.0714,
69.7596

■ 27.3034, 41.5645,
43.8521

■ 72.3909, 64.2339,
71.8990

■ 26.3252, 41.0946,
42.2536

■ 72.8053, 64.3996,
74.0812

■ 25.6850, 40.7981,
40.7096

■ 73.2279, 64.5687,
76.3065

Harmonies

Analogous

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



47.6701, 51.7253, 54.3657



47.5300, 51.7253, 56.7691



47.8234, 51.7253, 59.1183

Triad

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



47.5300, 51.7253, 56.7691



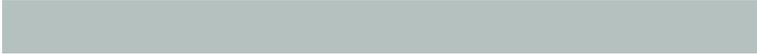
50.1309, 51.7253, 60.2824



49.8570, 51.7253, 52.1089

Complementary

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



47.5300, 51.7253, 56.7691



47.0653, 47.8055, 51.5490

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.



50.5281, 51.7253, 53.6115



47.5300, 51.7253, 56.7691



50.6875, 51.7253, 58.3207

Square

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



47.5300, 51.7253, 56.7691



49.3199, 51.7253, 61.1843



50.8337, 51.7253, 55.8734



49.0071, 51.7253, 51.7207

Rectangle

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



47.5300, 51.7253, 56.7691



48.2274, 51.7253, 60.3230



50.8337, 51.7253, 55.8734



50.1113, 51.7253, 52.4982

Sweetspot

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



47.5315, 51.7275, 56.7702



88.8857, 94.5476, 103.2412



46.9881, 51.5702, 51.1943



19.0892, 20.2939, 22.1570



92.9021, 97.7402, 106.4391



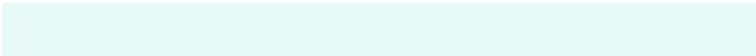
19.4759, 20.4902, 22.3138

Same Dimension

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



47.5315, 51.7275, 56.7702



84.3511, 92.2473, 101.3398



46.9239, 50.1572, 57.6629



10.4927, 11.4994, 12.6381



16.9757, 27.0843, 26.8289



0.7531, 1.1781, 1.2625

Inverse Universe

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



47.0653, 47.8055, 51.5490



83.4024, 84.2652, 90.7137



47.6418, 49.2896, 50.7197



10.3681, 10.4510, 11.2425



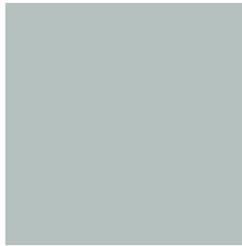
14.8231, 7.6190, 1.7148



0.6623, 0.3379, 0.1892

Previews

White Background



This preview shows how the XYZ color 47.5300, 51.7253, 56.7691 looks on a white background.

Color Contrast Check

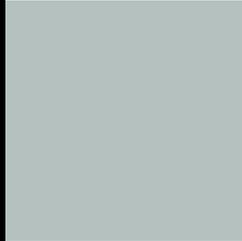
Large Text (above 18pt) WCAG AA × Fail

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 47.5300, 51.7253, 56.7691 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

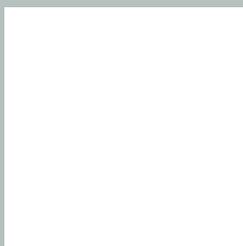
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5300, 51.7253, 56.7691

Background



This preview shows how black text looks on a background with the XYZ color 47.5300, 51.7253, 56.7691.



This preview shows how white text looks on a background with the XYZ color 47.5300, 51.7253,

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

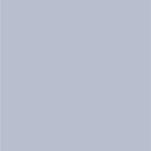
47.5300, 51.7253, 56.7691

Protanopia

49.6310, 51.5386, 55.4762

Deuteranopia

52.4983, 51.3966, 57.6057



Tritanopia

49.2998, 51.7851, 65.7897

Trichromacy



Original Color

47.5300, 51.7253, 56.7691

Protanomaly

48.6940, 51.3634, 56.0629

Deuteranomaly

50.5735, 51.3522, 57.1156

Tritanomaly

48.6837, 51.8614, 62.7027

Monochromacy



Original Color

47.5300, 51.7253, 56.7691

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9574, 50.9837, 56.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5300, 51.7253, 56.7691 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(181, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 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(181, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.5300, 51.7253, 56.7691 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(181, 193, 191) }
```

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

```
.border{ border-color:rgb(181, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5300, 51.7253, 56.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 191) }
```

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

```
.background{ background-color: rgb(181,  
193, 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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