

Converting Colors

XYZ(47.7384, 52.4782, 56.5588)

Have a look what the booklet for
XYZ(47.7384, 52.4782, 56.5588)
contains.

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Color

**XYZ(47.6318, 52.4512,
56.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C3BE
RGB	180, 195, 190
RGB Percent	71%, 76%, 75%
CMY	0.2941, 0.2353, 0.2549
CMYK	0.08, 0.00, 0.03, 0.24
HSL	160°, 11%, 74%
HSV	160°, 8%, 76%
XYZ	47.6318, 52.4512, 56.3288
YIQ	189.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

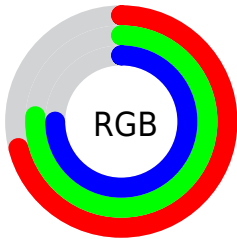
Format	Color
R_{YB}	180, 189, 195
Decimal	11846590
CIE Lab	77.55, -6.08, 0.74
CIE LCh	78, 6.125, 173.069
Yxy	52.4512, 0.3045, 0.3353
Android (android.graphics.Color)	4290036670 (0xFFB4C3BE)
YUV	189.9450, 0.0271, -8.7218
Hunter-Lab	72.4232, -9.3435, 4.5821

Details

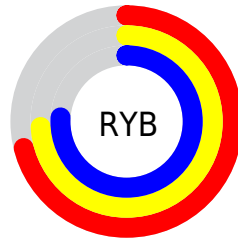
The XYZ color **47.6318, 52.4512, 56.3288** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5859, 47.7489, 52.6100**, and the grayscale version is **48.9160, 51.4634, 56.0437**.

A 20% lighter version of the original color is **86.0370, 94.1075, 100.8187**, and **22.7926, 25.3679, 27.3621** is the 20% darker color. If you saturate the color by 10%, you get **42.7129, 49.9972, 52.4715**, and if you desaturate by 10%, it is **53.2241, 55.2516, 60.3854**.

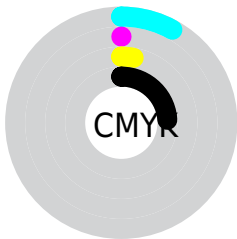
Distribution



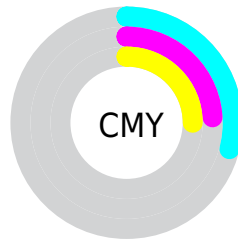
- Red (71%)
- Green (76%)
- Blue (75%)



- Red (71%)
- Yellow (74%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6318, 52.4512, 56.3288 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 47.6318, 52.4512, 56.3288 by changing the saturation by 10% instead.

■ 47.6318, 52.4512,
56.3288

■ 47.6318, 52.4512,
56.3288

367.9377,
396.1760, 428.3525

■ 33.7454, 37.3648,
40.0608

■ 85.8690, 93.7963,
100.9757

■ 22.8601, 25.4901,
27.2718

110.9505,
120.8239, 130.1918

■ 14.6103, 16.4426,
17.5432

140.4944,
152.6006, 164.5610

■ 8.6309, 9.8379,
10.4565

174.8661,
189.5110, 204.5018

■ 4.5564, 5.2916,
5.5931

214.4309,
231.9393, 250.4328

■ 2.0215, 2.4193,
2.5345

259.5542,

■ 0.6460, 0.8358,

280.2700, 302.7726

0.8584

310.6014,
334.8874, 361.9397

■ 0.0000, 0.0000,
0.0000

■ 47.6318, 52.4512,
56.3288

■ 47.6318, 52.4512,
56.3288

■ 42.7129, 49.9972,
52.4715

■ 53.2241, 55.2516,
60.3854

■ 38.4361, 47.8691,
48.8065

■ 59.5106, 58.4048,
64.6411

■ 34.7740, 46.0543,
45.3316

■ 66.5170, 61.9252,
69.1001

■ 31.6955, 44.5369,
42.0431

■ 73.1524, 65.2507,
73.7136

■ 29.1668, 43.2995,
38.9371

■ 74.0101, 65.5938,
78.2303

■ 27.1505, 42.3227,
36.0095

■ 74.9015, 65.9503,
82.9243

■ 25.6043, 41.5850,
33.2560

■ 75.8270, 66.3205,
87.7975

■ 24.4786, 41.0607,
30.6719

■ 76.7868, 66.7044,
92.8518

■ 23.7014, 40.7128,
28.2512

■ 77.7813, 67.1022,
98.0890

Harmonies

Analogous

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



48.0592, 52.4512, 53.2894



47.6318, 52.4512, 56.3288



47.7921, 52.4512, 59.6981

Triad

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



47.6318, 52.4512, 56.3288



50.7488, 52.4512, 63.3084



51.2309, 52.4512, 52.0656

Complementary

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



47.6318, 52.4512, 56.3288



47.5859, 47.7489, 52.6100

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.



51.9729, 52.4512, 54.5987



47.6318, 52.4512, 56.3288



51.6915, 52.4512, 61.1099

Square

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



47.6318, 52.4512, 56.3288



49.5796, 52.4512, 63.8161



52.1428, 52.4512, 57.8993



50.1280, 52.4512, 50.8918

Rectangle

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



47.6318, 52.4512, 56.3288



48.2119, 52.4512, 61.6699



52.1428, 52.4512, 57.8993



51.5315, 52.4512, 52.7815

Sweetspot

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



47.6333, 52.4534, 56.3300



90.8270, 96.7012, 104.9519



47.8231, 52.6732, 50.8274



19.9122, 21.1876, 22.9993



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.



47.6333, 52.4534, 56.3300



83.9604, 93.2669, 99.8620



47.6892, 51.6751, 59.0931



10.2211, 11.3695, 12.1677



15.3417, 26.4307, 18.2243



0.6938, 1.1544, 0.9501

Inverse Universe

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



47.5859, 47.7489, 52.6100



83.8605, 83.3551, 92.0247



47.5248, 48.4573, 50.0293



10.2086, 10.1321, 11.1893



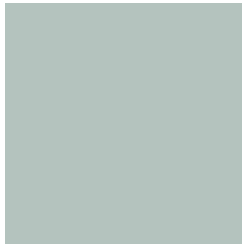
15.2834, 7.8031, 4.1383



0.6927, 0.3501, 0.3493

Previews

White Background



This preview shows how the XYZ color 47.6318, 52.4512, 56.3288 looks on a white background.

Color Contrast Check

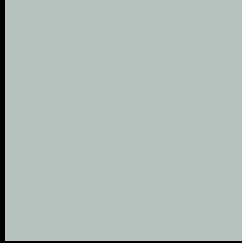
Large Text (above 18pt) WCAG AA × Fail

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 47.6318, 52.4512, 56.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

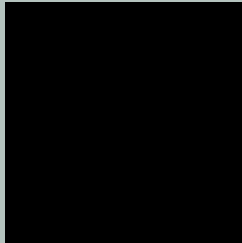
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

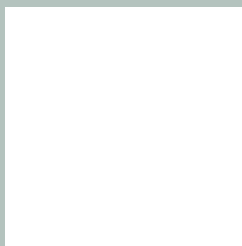
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6318, 52.4512, 56.3288

Background



This preview shows how black text looks on a background with the XYZ color 47.6318, 52.4512, 56.3288.



This preview shows how white text looks on a background with the XYZ color 47.6318, 52.4512,

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

47.6318, 52.4512, 56.3288

Protanopia

50.3654, 52.5852, 54.5091

Deuteranopia

53.1579, 52.0590, 57.1158



Tritanopia

49.7632, 52.3206, 67.1506

Trichromacy



Original Color

47.6318, 52.4512, 56.3288

Protanomaly

49.1619, 52.2773, 55.0764

Deuteranomaly

50.8903, 52.1625, 56.6764

Tritanomaly

48.9040, 52.3021, 62.7761

Monochromacy



Original Color

47.6318, 52.4512, 56.3288

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3936, 51.8561, 56.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6318, 52.4512, 56.3288 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(180, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(180, 195, 190)  
}
```

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(180, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 195, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.6318, 52.4512, 56.3288 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(180, 195, 190) }
```


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

```
.border{ border-color:rgb(180, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(180, 195,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6318, 52.4512, 56.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 195, 190) }
```

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

```
.background{ background-color: rgb(180,  
195, 190) }
```

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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