

Converting Colors

XYZ(46.7549, 51.7813, 60.1953)

Have a look what the booklet for
XYZ(46.7549, 51.7813, 60.1953)
contains.

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Color

**XYZ(46.8267, 51.9457,
60.3818)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC3C5
RGB	173, 195, 197
RGB Percent	68%, 76%, 77%
CMY	0.3216, 0.2353, 0.2274
CMYK	0.12, 0.01, 0.00, 0.23
HSL	185°, 17%, 73%
HSV	185°, 12%, 77%
XYZ	46.8267, 51.9457, 60.3818
YIQ	188.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

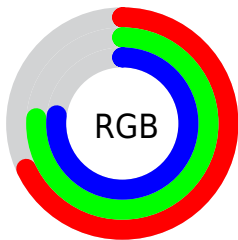
Format	Color
RYB	173, 184, 197
Decimal	11387845
CIELab	77.25, -7.03, -3.54
CIELCh	77, 7.873, 206.739
Yxy	51.9457, 0.2942, 0.3264
Android (android.graphics.Color)	4289577925 (0xFFADC3C5)
YUV	188.6500, 4.1166, -13.7250
Hunter-Lab	72.0734, -10.1554, 0.7792

Details

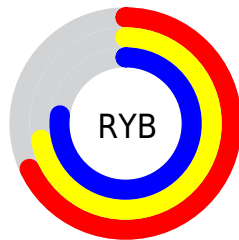
The XYZ color **46.8267, 51.9457, 60.3818** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8989, 45.5470, 45.9082**, and the grayscale version is **48.1540, 50.6618, 55.1706**.

A 20% lighter version of the original color is **85.0129, 93.4346, 107.3200**, and **22.2285, 25.0260, 29.6455** is the 20% darker color. If you saturate the color by 10%, you get **42.4228, 49.1346, 60.0721**, and if you desaturate by 10%, it is **51.8799, 55.1004, 60.7252**.

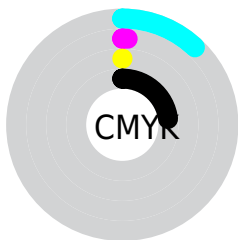
Distribution



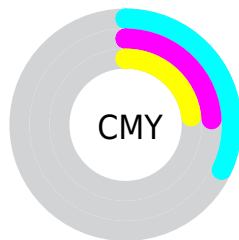
- Red (68%)
- Green (76%)
- Blue (77%)



- Red (68%)
- Yellow (72%)
- Blue (77%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.8267, 51.9457, 60.3818 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 46.8267, 51.9457, 60.3818 by changing the saturation by 10% instead.

■ 46.8267, 51.9457,
60.3818

■ 46.8267, 51.9457,
60.3818

364.7828,
394.2269, 443.8473

■ 33.1060, 36.9618,
43.2991

■ 84.6752, 93.0512,
106.9321

■ 22.3673, 25.1779,
29.7868

109.5338,
119.9415, 137.2368

■ 14.2452, 16.2097,
19.4261

138.8357,
151.5694, 172.7860

■ 8.3742, 9.6726,
11.7987

172.9463,
188.3194, 213.9981

■ 4.3891, 5.1824,
6.4859

212.2309,
230.5757, 261.2918

■ 1.9245, 2.3547,
3.0692

257.0550,

■ 0.5910, 0.8024,

278.7228, 315.0855

1.1301

307.7839,
333.1451, 375.7978

■ 0.0000, 0.0000,
0.0000

■ 46.8267, 51.9457,
60.3818

■ 46.8267, 51.9457,
60.3818

■ 42.4228, 49.1346,
60.0721

■ 51.8799, 55.1004,
60.7252

■ 38.6358, 46.6460,
59.7914

■ 57.6043, 58.6057,
61.1001

■ 35.4370, 44.4666,
59.5393

■ 64.0262, 62.4765,
61.5088

■ 32.7939, 42.5796,
59.3144

■ 71.1691, 66.7252,
61.9524

■ 30.6707, 40.9665,
59.1149

■ 72.7215, 68.0978,
62.1355

■ 29.0273, 39.6067,
58.9391

■ 73.1111, 68.8772,
62.2654

■ 27.8178, 38.4765,
58.7847

■ 73.5049, 69.6647,
62.3966

■ 26.9874, 37.5475,
58.6491

■ 73.9028, 70.4605,
62.5293

■ 26.5228, 36.9205,
58.5526

■ 74.3048, 71.2646,
62.6633

Harmonies

Analogous

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



46.5323, 51.9457, 56.0887



46.8267, 51.9457, 60.3818



47.7986, 51.9457, 63.7968

Triad

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



46.8267, 51.9457, 60.3818



51.8390, 51.9457, 61.2409



49.5380, 51.9457, 48.6629

Complementary

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



46.8267, 51.9457, 60.3818



45.8989, 45.5470, 45.9082

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.



50.9813, 51.9457, 49.8923



46.8267, 51.9457, 60.3818



52.3266, 51.9457, 57.0340

Square

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



46.8267, 51.9457, 60.3818



50.6898, 51.9457, 64.3103



52.0096, 51.9457, 52.9030



48.0788, 51.9457, 49.4589

Rectangle

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



46.8267, 51.9457, 60.3818



48.7103, 51.9457, 65.0397



52.0096, 51.9457, 52.9030



50.0414, 51.9457, 48.8514

Sweetspot

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



46.8282, 51.9479, 60.3830



91.1263, 97.5762, 108.6390



44.8992, 51.8970, 48.0032



19.3516, 20.7902, 23.2429



0.0000, 0.0000, 0.0000



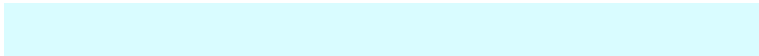
20.3446, 21.4041, 23.3091

Same Dimension

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



46.8282, 51.9479, 60.3830



81.3441, 91.4396, 107.9701



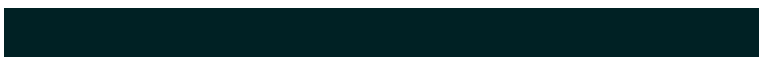
44.3285, 46.9485, 59.5497



10.8683, 11.9107, 13.6437



17.4747, 24.3434, 38.5221



0.8503, 1.1983, 1.8316

Inverse Universe

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



47.8210, 45.6985, 57.9326



83.5302, 77.7736, 102.5531



48.2552, 50.2594, 46.6936



11.0436, 10.8008, 13.2127



20.6198, 9.9975, 29.5372



0.9879, 0.4780, 1.4593

Previews

White Background



This preview shows how the XYZ color 46.8267, 51.9457, 60.3818 looks on a white background.

Color Contrast Check

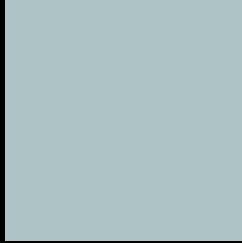
Large Text (above 18pt) WCAG AA × Fail

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 46.8267, 51.9457, 60.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

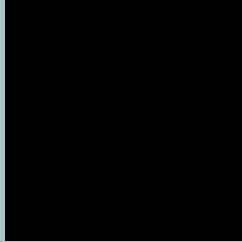
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8267, 51.9457, 60.3818

Background



This preview shows how black text looks on a background with the XYZ color 46.8267, 51.9457, 60.3818.

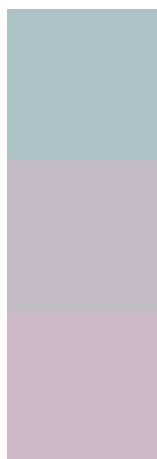


This preview shows how white text looks on a background with the XYZ color 46.8267, 51.9457,

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

46.8267, 51.9457, 60.3818

Protanopia

49.9275, 51.6277, 58.3726

Deuteranopia

52.8346, 51.8006, 61.2467



Tritanopia

48.2578, 51.8573, 67.7876

Trichromacy



Original Color

46.8267, 51.9457, 60.3818

Protanomaly

48.7308, 51.6408, 59.0290

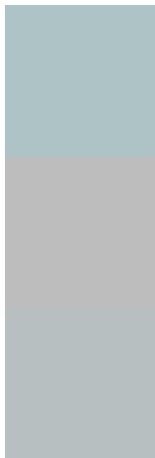
Deuteranomaly

50.3830, 51.8099, 60.7709

Tritanomaly

47.7668, 51.9900, 65.2751

Monochromacy



Original Color

46.8267, 51.9457, 60.3818

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.6737, 51.1347, 57.2265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8267, 51.9457, 60.3818 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(173, 195, 197)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 197)  
}
```

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(173, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 197) }
```

Border

The CSS property to change the border of an element to XYZ 46.8267, 51.9457, 60.3818 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(173, 195, 197) }
```


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

```
.border{ border-color:rgb(173, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(173, 195,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8267, 51.9457, 60.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 197) }
```

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

```
.background{ background-color: rgb(173,  
195, 197) }
```

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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