

Converting Colors

XYZ(46.2541, 59.8009, 63.2830)

Have a look what the booklet for
XYZ(46.2541, 59.8009, 63.2830)
contains.

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Color

**XYZ(46.1954, 59.8418,
63.1487)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8CDAC7 |
| RGB | 140, 218, 199 |
| RGB Percent | 55%, 85%, 78% |
| CMY | 0.4510, 0.1451, 0.2196 |
| CMYK | 0.36, 0.00, 0.09, 0.15 |
| HSL | 165°, 51%, 70% |
| HSV | 165°, 36%, 85% |
| XYZ | 46.1954, 59.8418, 63.1487 |
| YIQ | 192.5120, -40.3890, -22.4450 |

Conversions

Conversions Part 2

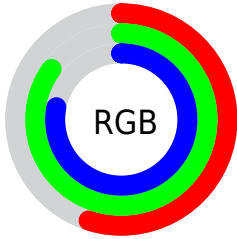
| Format | Color |
|-------------------------------------|--|
| RYB | 140, 184, 218 |
| Decimal | 9231047 |
| CIELab | 81.75, -28.23, 1.75 |
| CIELCh | 82, 28.281, 176.452 |
| Yxy | 59.8418, 0.2730, 0.3537 |
| Android (android.graphics.Color) | 4287421127 (0xFF8CDAC7) |
| YUV | 192.5120, 3.1986, -46.0530 |
| Hunter-Lab | 77.3575, -28.7811, 5.7504 |

Details

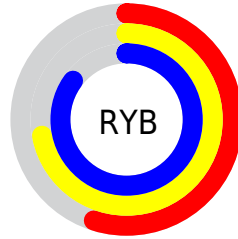
The XYZ color **46.1954, 59.8418, 63.1487** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.5516, 36.1663, 37.4358**, and the grayscale version is **50.4024, 53.0273, 57.7467**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **22.0458, 30.2172, 31.4586** is the 20% darker color. If you saturate the color by 10%, you get **42.2740, 57.8918, 59.8032**, and if you desaturate by 10%, it is **50.8694, 62.1804, 66.6444**.

Distribution



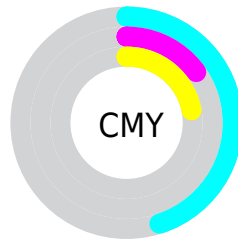
- Red (55%)
- Green (85%)
- Blue (78%)



- Red (55%)
- Yellow (72%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)





- Cyan (45%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1954, 59.8418, 63.1487 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 46.1954, 59.8418, 63.1487 by changing the saturation by 10% instead.


 46.1954, 59.8418,
63.1487


 46.1954, 59.8418,
63.1487


362.2964,
424.0144, 454.2317

 32.6053, 43.2911,
45.5197


 83.7374, 104.6001,
110.9717

 21.9820, 30.1136,
31.5211


 108.4201,
133.5766, 142.0027

 13.9602, 19.9248,
20.7342


137.5310,
167.4638, 178.3383

 8.1745, 12.3404,
12.7405

171.4355,
206.6461, 220.3968

 4.2596, 6.9760,
7.1215

210.4989,
251.5079, 268.5969

 1.8500, 3.4471,
3.4586

255.0866,

 0.5475, 1.3694,

302.4337, 323.3570

1.3333

305.5640,
359.8077, 385.0958

■ 0.0000, 0.1940,
0.0888

■ 0.0000, 0.0000,
0.0000

■ 46.1954, 59.8418,
63.1487

■ 46.1954, 59.8418,
63.1487

■ 42.2740, 57.8918,
59.8032

■ 50.8694, 62.1804,
66.6444

■ 39.0568, 56.3008,
56.6005

■ 56.3307, 64.9208,
70.2892

■ 36.4974, 55.0465,
53.5387

■ 62.6181, 68.0845,
74.0871

■ 34.5418, 54.1011,
50.6141

■ 69.7662, 71.6894,
78.0410

■ 33.1270, 53.4320,
47.8226

■ 77.8077, 75.7522,
82.1535

■ 32.1753, 52.9994,
45.1592

■ 80.7175, 77.1670,
86.1435

■ 31.8544, 52.8577,
44.0707

■ 81.4787, 77.4715,
90.1518

■ 82.2629, 77.7851,
94.2810

■ 83.0701, 78.1080,
98.5321

Harmonies

Analogous

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



47.8566, 59.8418, 48.6597



46.1954, 59.8418, 63.1487



47.2277, 59.8418, 80.8879

Triad

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



46.1954, 59.8418, 63.1487



62.1336, 59.8418, 99.1572



63.4449, 59.8418, 41.4655

Complementary

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



46.1954, 59.8418, 63.1487



44.5516, 36.1663, 37.4358

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.



67.7604, 59.8418, 51.6114



46.1954, 59.8418, 63.1487



66.9670, 59.8418, 85.0173

Square

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



46.1954, 59.8418, 63.1487



56.1720, 59.8418, 103.6845



69.0919, 59.8418, 67.2086



57.5895, 59.8418, 37.5965

Rectangle

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



46.1954, 59.8418, 63.1487



49.3464, 59.8418, 91.9402



69.0919, 59.8418, 67.2086



65.1391, 59.8418, 44.1578

Sweetspot

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



46.1971, 59.8442, 63.1501



84.3919, 94.6304, 102.7600



44.2043, 59.4609, 33.9592



17.8044, 20.1245, 21.8369



0.0000, 0.0000, 0.0000



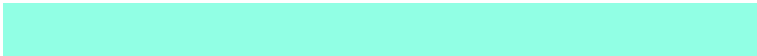
20.3446, 21.4041, 23.3091

Same Dimension

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



46.1971, 59.8442, 63.1501



61.5424, 83.1890, 86.4216



43.7805, 51.2567, 73.9186



13.3022, 14.7725, 16.0543



19.1278, 31.6837, 26.6360



1.2723, 2.0659, 1.8999

Inverse Universe

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



44.5516, 36.1663, 37.4358



58.8714, 44.5989, 44.5668



46.1333, 41.7692, 30.4426



13.1855, 13.1033, 14.2379



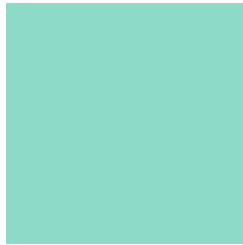
17.7445, 9.0988, 3.0344



1.1837, 0.6031, 0.3762

Previews

White Background



This preview shows how the XYZ color 46.1954, 59.8418, 63.1487 looks on a white background.

Color Contrast Check

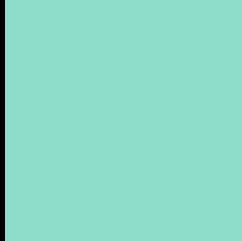
Large Text (above 18pt) WCAG AA × Fail

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 46.1954, 59.8418, 63.1487 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

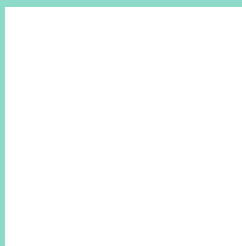
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1954, 59.8418, 63.1487

Background



This preview shows how black text looks on a background with the XYZ color 46.1954, 59.8418, 63.1487.

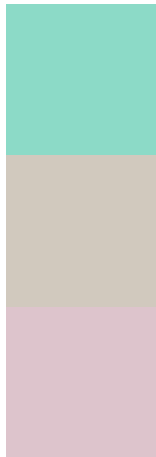


This preview shows how white text looks on a background with the XYZ color 46.1954, 59.8418,

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

46.1954, 59.8418, 63.1487

Protanopia

56.4754, 59.0463, 57.1357

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

50.4308, 59.6539, 84.4577

Trichromacy



Original Color

46.1954, 59.8418, 63.1487



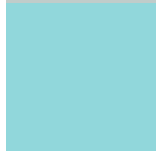
Protanomaly

51.7056, 58.6662, 59.0506



Deuteranomaly

53.9918, 58.6565, 64.3533



Tritanomaly

48.7637, 59.7351, 75.9777

Monochromacy



Original Color

46.1954, 59.8418, 63.1487



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

48.4264, 55.1799, 59.7282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1954, 59.8418, 63.1487 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(140, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(140, 218, 199)  
}
```

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(140, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 218, 199) }
```

Border

The CSS property to change the border of an element to XYZ 46.1954, 59.8418, 63.1487 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(140, 218, 199) }
```


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

```
.border{ border-color:rgb(140, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 218, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 218, 199); box-shadow:4px 4px 4px 4px rgb(140, 218, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1954, 59.8418, 63.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 218, 199) }
```

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

```
.background{ background-color: rgb(140,  
218, 199) }
```

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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