

Converting Colors

XYZ(45.1390, 60.7876, 63.7926)

Have a look what the booklet for
XYZ(45.1390, 60.7876, 63.7926)
contains.

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Color

**XYZ(45.1508, 60.8483,
64.0088)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EDEC8 |
| RGB | 126, 222, 200 |
| RGB Percent | 49%, 87%, 78% |
| CMY | 0.5059, 0.1294, 0.2157 |
| CMYK | 0.43, 0.00, 0.10, 0.13 |
| HSL | 166°, 59%, 68% |
| HSV | 166°, 43%, 87% |
| XYZ | 45.1508, 60.8483, 64.0088 |
| YIQ | 190.7880, -50.1540, -27.1940 |

Conversions

Conversions Part 2

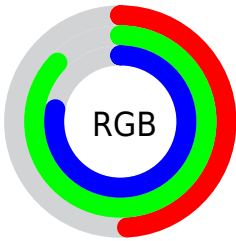
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 126, 180, 222 |
| Decimal | 8314568 |
| CIELab | 82.30, -33.56, 1.94 |
| CIELCh | 82, 33.618, 176.699 |
| Yxy | 60.8483, 0.2656, 0.3579 |
| Android (android.graphics.Color) | 4286504648 (0xFF7EDEC8) |
| YUV | 190.7880, 4.5415, -56.8191 |
| Hunter-Lab | 78.0053, -33.1905, 5.9521 |

Details

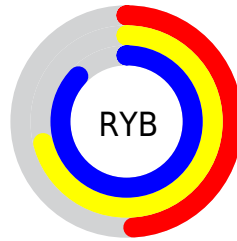
The XYZ color **45.1508, 60.8483, 64.0088** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.9324, 32.5911, 32.0472**, and the grayscale version is **49.3952, 51.9676, 56.5927**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **21.2788, 30.6130, 31.9815** is the 20% darker color. If you saturate the color by 10%, you get **41.6490, 59.1121, 60.7932**, and if you desaturate by 10%, it is **49.4022, 62.9717, 67.3654**.

Distribution



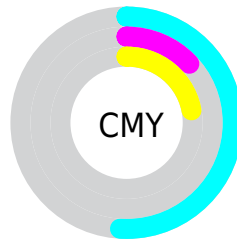
- Red (49%)
- Green (87%)
- Blue (78%)



- Red (49%)
- Yellow (71%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)





- Cyan (51%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1508, 60.8483, 64.0088 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 45.1508, 60.8483, 64.0088 by changing the saturation by 10% instead.


 45.1508, 60.8483,
64.0088


 45.1508, 60.8483,
64.0088


358.1574,
427.7176, 457.4297


 31.7780, 44.1028,
46.2116


 82.1823, 106.0593,
112.2232

 21.3467, 30.7513,
32.0629


 106.5718,
135.2935, 143.4775

 13.4916, 20.4095,
21.1444


 135.3641,
169.4593, 180.0545

 7.8472, 12.6931,
13.0373

168.9248,
208.9413, 222.3728

 4.0483, 7.2176,
7.3232

207.6191,
254.1237, 270.8509

 1.7295, 3.5985,
3.5835

251.8124,

 0.4746, 1.4516,

305.3909, 325.9074

1.3998

301.8700,
363.1274, 387.9609

■ 0.0000, 0.2543,
0.1415

■ 0.0000, 0.0000,
0.0000

■ 45.1508, 60.8483,
64.0088

■ 45.1508, 60.8483,
64.0088

■ 41.6490, 59.1121,
60.7932

■ 49.4022, 62.9717,
67.3654

■ 38.8427, 57.7308,
57.7112


■ 54.4424, 65.4978,
70.8619

■ 36.6791, 56.6785,
54.7606


■ 60.3139, 68.4502,
74.5026


■ 35.0951, 55.9227,
51.9375


■ 67.0546, 71.8483,
78.2902


 34.0142, 55.4241,
49.2371


 74.7002, 75.7105,
82.2272

 33.4848, 55.1896,
47.4775

 81.7198, 79.2476,
86.2431

 82.4472, 79.5386,
90.0734

 83.1957, 79.8380,
94.0147

 83.9653, 80.1458,
98.0676

Harmonies

Analogous

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



47.0747, 60.8483, 46.8787



45.1508, 60.8483, 64.0088



46.3870, 60.8483, 85.5931

Triad

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



45.1508, 60.8483, 64.0088



64.2428, 60.8483, 108.0866



65.7269, 60.8483, 38.4625

Complementary

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



45.1508, 60.8483, 64.0088



42.9324, 32.5911, 32.0472

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.



71.0256, 60.8483, 50.0713



45.1508, 60.8483, 64.0088



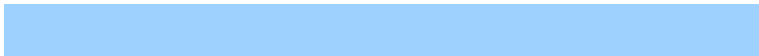
70.1203, 60.8483, 90.3432

Square

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



45.1508, 60.8483, 64.0088



57.0453, 60.8483, 113.9232



72.6955, 60.8483, 68.5500



58.6309, 60.8483, 34.1729

Rectangle

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



45.1508, 60.8483, 64.0088



48.8974, 60.8483, 99.2873



72.6955, 60.8483, 68.5500



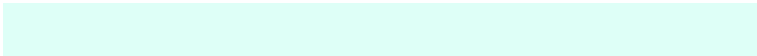
67.7991, 60.8483, 41.5036

Sweetspot

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



45.1525, 60.8507, 64.0102



82.6890, 93.7662, 102.0621



42.1743, 60.0847, 29.1145



17.2937, 19.8659, 21.6044



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.



45.1525, 60.8507, 64.0102



57.3802, 81.1018, 83.5852



41.6212, 49.3723, 76.4461



13.9751, 15.5158, 16.9043



19.9328, 32.7980, 28.4329



1.4148, 2.2867, 2.1457

Inverse Universe

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



42.9324, 32.5911, 32.0472



53.9812, 37.5705, 34.4530



45.0555, 39.3646, 24.9633



13.8353, 13.7517, 14.9027



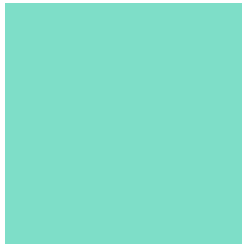
18.2818, 9.3797, 2.8836



1.3013, 0.6638, 0.3793

Previews

White Background



This preview shows how the XYZ color 45.1508, 60.8483, 64.0088 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 45.1508, 60.8483, 64.0088 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

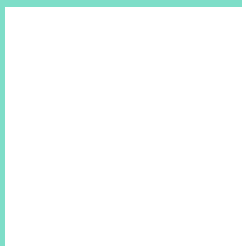
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1508, 60.8483, 64.0088

Background



This preview shows how black text looks on a background with the XYZ color 45.1508, 60.8483, 64.0088.

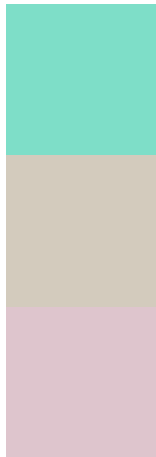


This preview shows how white text looks on a background with the XYZ color 45.1508, 60.8483,

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

45.1508, 60.8483, 64.0088

Protanopia

57.4052, 60.2349, 56.7450

Deuteranopia

61.1099, 59.8699, 66.0928



Tritanopia

49.6558, 60.7171, 86.9443

Trichromacy



Original Color

45.1508, 60.8483, 64.0088



Protanomaly

51.4946, 59.6467, 59.2510



Deuteranomaly

53.3443, 59.0192, 65.0802



Tritanomaly

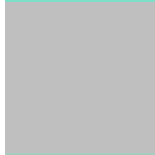
48.0321, 60.8425, 78.3195

Monochromacy



Original Color

45.1508, 60.8483, 64.0088



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.7945, 54.3516, 59.0635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1508, 60.8483, 64.0088 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(126, 222, 200)` looks like.

```
.text, #text, p{  
    color:rgb(126, 222, 200)  
}
```

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(126, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 222, 200) }
```

Border

The CSS property to change the border of an element to XYZ 45.1508, 60.8483, 64.0088 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(126, 222, 200) }
```


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

```
.border{ border-color:rgb(126, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 222, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 222, 200); box-shadow:4px 4px 4px 4px rgb(126, 222, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1508, 60.8483, 64.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 222, 200) }
```

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

```
.background{ background-color: rgb(126,  
222, 200) }
```

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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