

Converting Colors

XYZ(44.5768, 60.2645, 59.1519)

Have a look what the booklet for
XYZ(44.5768, 60.2645, 59.1519)
contains.

XYZ(44.5768, 60.2645, 59.1519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.5768, 60.2645,
59.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	82DDC0
RGB	130, 221, 192
RGB Percent	51%, 87%, 75%
CMY	0.4902, 0.1333, 0.2471
CMYK	0.41, 0.00, 0.13, 0.13
HSL	161°, 57%, 69%
HSV	161°, 41%, 87%
XYZ	44.5768, 60.2645, 59.1519
YIQ	190.4850, -44.9270, -28.3110

Conversions

Conversions Part 2

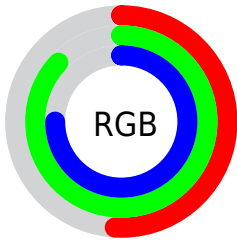
Format	Color
RYB	130, 184, 221
Decimal	8576448
CIELab	81.98, -33.86, 5.74
CIELCh	82, 34.346, 170.376
Yxy	60.2645, 0.2718, 0.3675
Android (android.graphics.Color)	4286766528 (0xFF82DDC0)
YUV	190.4850, 0.7469, -53.0453
Hunter-Lab	77.6302, -33.3547, 9.1639

Details

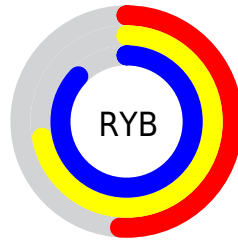
The XYZ color **44.5768, 60.2645, 59.1519** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **44.0615, 33.8422, 37.0132**, and the grayscale version is **49.2390, 51.8033, 56.4138**.

A 20% lighter version of the original color is **72.9530, 88.7364, 102.0897**, and **20.9394, 30.2302, 29.1575** is the 20% darker color. If you saturate the color by 10%, you get **40.7825, 58.3981, 54.9983**, and if you desaturate by 10%, it is **49.1398, 62.5260, 63.5391**.

Distribution



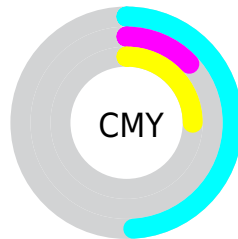
- Red (51%)
- Green (87%)
- Blue (75%)



- Red (51%)
- Yellow (72%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)




- Cyan (49%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5768, 60.2645, 59.1519 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 44.5768, 60.2645, 59.1519 by changing the saturation by 10% instead.


 44.5768, 60.2645,
59.1519


 44.5768, 60.2645,
59.1519


355.8695,
425.5720, 439.1821


 31.3241, 43.6319,
42.3146


 81.3260, 105.2133,
105.1297

 20.9988, 30.3812,
29.0203


 105.5531,
134.2982, 135.1073

 13.2356, 20.1281,
18.8505


 134.1691,
168.3026, 170.3020

 7.6691, 12.4882,
11.3866

167.5394,
207.6111, 211.1325

 3.9340, 7.0771,
6.2100

206.0292,
252.6078, 258.0171

 1.6648, 3.5104,
2.9024

250.0039,

 0.4341, 1.4036,

303.6773, 311.3746

1.0450

299.8289,
361.2039, 371.6235

■ 0.0000, 0.2194,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.5768, 60.2645,
59.1519

■ 44.5768, 60.2645,
59.1519

■ 40.7825, 58.3981,
54.9983

■ 49.1398, 62.5260,
63.5391

■ 37.7044, 56.8950,
51.0692


■ 54.5098, 65.1977,
68.1604


■ 35.2909, 55.7304,
47.3608


■ 60.7287, 68.3024,
73.0217


■ 33.4814, 54.8730,
43.8674


■ 67.8336, 71.8595,
78.1272


 32.2034, 54.2855,
40.5827


 75.8597, 75.8869,
83.4810

 31.4085, 53.9354,
37.8503

 81.9865, 78.9306,
88.9537

 83.0205, 79.3442,
94.3982

 84.0951, 79.7741,
100.0571

 85.1475, 80.1950,
105.5992

Harmonies

Analogous

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



47.1758, 60.2645, 43.2603



44.5768, 60.2645, 59.1519



45.1527, 60.2645, 80.5628

Triad

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



44.5768, 60.2645, 59.1519



62.2845, 60.2645, 110.7405



66.6620, 60.2645, 39.3661

Complementary

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



44.5768, 60.2645, 59.1519



44.0615, 33.8422, 37.0132

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.



71.4039, 60.2645, 52.6458



44.5768, 60.2645, 59.1519



68.7319, 60.2645, 94.5941

Square

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



44.5768, 60.2645, 59.1519



54.9750, 60.2645, 113.5150



72.1918, 60.2645, 72.5385



59.6477, 60.2645, 33.5397

Rectangle

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



44.5768, 60.2645, 59.1519



47.2796, 60.2645, 95.1091



72.1918, 60.2645, 72.5385



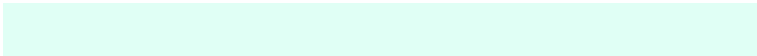
68.5987, 60.2645, 42.9559

Sweetspot

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



44.5785, 60.2669, 59.1533



83.1439, 94.0390, 100.3538



44.4516, 60.8351, 30.5196



17.5422, 20.0013, 21.2871



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.



44.5785, 60.2669, 59.1533



57.2622, 81.1852, 77.0623



44.2902, 54.0310, 76.5041



13.2591, 14.7553, 15.8273



18.2985, 31.3520, 22.2693



1.2240, 2.0466, 1.6457

Inverse Universe

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



44.0615, 33.8422, 37.0132



56.4729, 40.1360, 42.7373



44.0008, 37.2873, 25.9982



13.2262, 13.1196, 14.4524



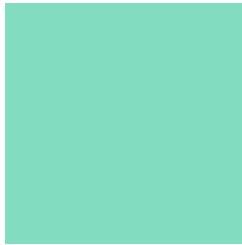
18.0181, 9.2083, 4.4753



1.2058, 0.6120, 0.4927

Previews

White Background



This preview shows how the XYZ color 44.5768, 60.2645, 59.1519 looks on a white background.

Color Contrast Check

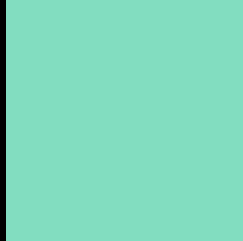
Large Text (above 18pt) WCAG AA × Fail

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 44.5768, 60.2645, 59.1519 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

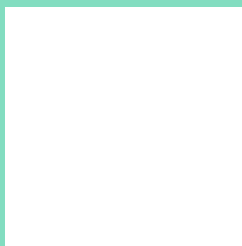
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5768, 60.2645, 59.1519

Background



This preview shows how black text looks on a background with the XYZ color 44.5768, 60.2645, 59.1519.

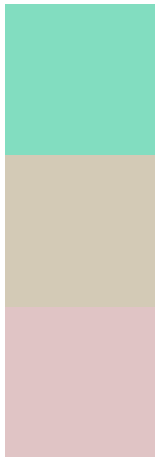


This preview shows how white text looks on a background with the XYZ color 44.5768, 60.2645,

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

44.5768, 60.2645, 59.1519

Protanopia

56.4280, 59.4673, 52.7602

Deuteranopia

60.5584, 59.3584, 61.0889



Tritanopia

49.8236, 60.0595, 86.0575

Trichromacy



Original Color

44.5768, 60.2645, 59.1519



Protanomaly

50.9548, 59.0912, 55.1745



Deuteranomaly

52.9169, 58.5499, 60.1420



Tritanomaly

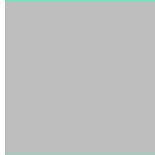
47.6211, 59.9219, 75.3859

Monochromacy



Original Color

44.5768, 60.2645, 59.1519



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

46.4391, 53.8597, 57.2386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5768, 60.2645, 59.1519 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(130, 221, 192)` looks like.

```
.text, #text, p{  
    color:rgb(130, 221, 192)  
}
```

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(130, 221, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 221, 192) }
```

Border

The CSS property to change the border of an element to XYZ 44.5768, 60.2645, 59.1519 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(130, 221, 192) }
```


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

```
.border{ border-color:rgb(130, 221, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 221, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 221, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 221, 192);  
box-shadow:4px 4px 4px 4px rgb(130, 221,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5768, 60.2645, 59.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 221, 192) }
```

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

```
.background{ background-color: rgb(130,  
221, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor