

Converting Colors

XYZ(45.0589, 60.7078, 81.6637)

Have a look what the booklet for
XYZ(45.0589, 60.7078, 81.6637)
contains.

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Color

**XYZ(45.1826, 60.8628,
82.0394)**

Conversions

Conversions Part 1

Format	Color
Hex	61DFE3
RGB	97, 223, 227
RGB Percent	38%, 87%, 89%
CMY	0.6196, 0.1255, 0.1098
CMYK	0.57, 0.02, 0.00, 0.11
HSL	182°, 70%, 64%
HSV	182°, 57%, 89%
XYZ	45.1826, 60.8628, 82.0394
YIQ	185.7820, -76.3800, -25.4680

Conversions

Conversions Part 2

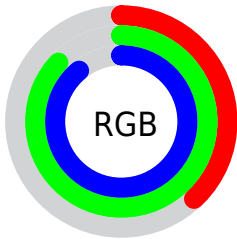
Format	Color
RYB	97, 161, 227
Decimal	6414307
CIELab	82.30, -33.50, -12.50
CIELCh	82, 35.760, 200.460
Yxy	60.8628, 0.2402, 0.3236
Android (android.graphics.Color)	4284604387 (0xFF61DFE3)
YUV	185.7820, 20.3205, -77.8618
Hunter-Lab	78.0146, -33.1463, -7.7386

Details

The XYZ color **45.1826, 60.8628, 82.0394** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.4912, 26.5026, 14.3977**, and the grayscale version is **46.4726, 48.8928, 53.2442**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **21.3402, 30.6547, 43.8219** is the 20% darker color. If you saturate the color by 10%, you get **42.9155, 59.4191, 81.8813**, and if you desaturate by 10%, it is **48.1460, 62.6694, 82.2330**.

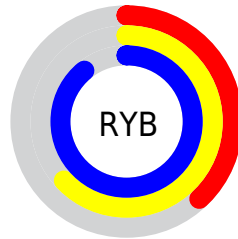
Distribution



Red (38%)

Green (87%)

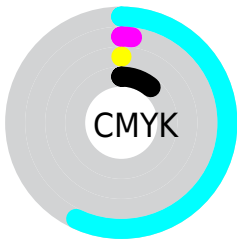
Blue (89%)



Red (38%)

Yellow (63%)

Blue (89%)

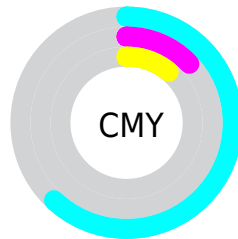


Cyan (57%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (62%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1826, 60.8628, 82.0394 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 45.1826, 60.8628, 82.0394 by changing the saturation by 10% instead.


 45.1826, 60.8628,
82.0394


 45.1826, 60.8628,
82.0394


358.2839,
427.7708, 521.6664


 31.8032, 44.1145,
60.8620


 82.2297, 106.0803,
138.0664

 21.3660, 30.7605,
43.6840


 106.6281,
135.3182, 173.7531

 13.5058, 20.4165,
30.0868


 135.4303,
169.4880, 215.1134

 7.8571, 12.6982,
19.6519

 169.0014,
208.9743, 262.5657

 4.0547, 7.2211,
11.9607

207.7070,
254.1613, 316.5286

 1.7331, 3.6007,
6.5947

251.9124,

 0.4769, 1.4528,

305.4334, 377.4207

3.1354

301.9829,
363.1751, 445.6604

■ 0.0000, 0.2552,
1.1642

■ 0.0000, 0.0000,
0.0000

■ 45.1826, 60.8628,
82.0394

■ 45.1826, 60.8628,
82.0394

■ 42.9155, 59.4191,
81.8813

■ 48.1460, 62.6694,
82.2330

■ 41.2784, 58.2999,
81.7516


■ 51.8539, 64.8595,
82.4603


■ 40.2018, 57.4709,
81.6483

■ 56.3564, 67.4604,
82.7250


■ 39.5916, 56.8834,
81.5671


■ 61.6979, 70.4950,
83.0292


 39.4638, 56.7430,
81.5467

 67.9194, 73.9843,
83.3748

 75.0592, 77.9483,
83.7636

 82.8187, 82.2328,
84.1817

 83.0110, 82.6174,
84.2458

 83.2041, 83.0037,
84.3102

Harmonies

Analogous

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



44.5735, 60.8628, 59.5579



45.1826, 60.8628, 82.0394



49.0164, 60.8628, 104.1652

Triad

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



45.1826, 60.8628, 82.0394



69.8941, 60.8628, 96.7192



60.3097, 60.8628, 32.9139

Complementary

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



45.1826, 60.8628, 82.0394



38.4912, 26.5026, 14.3977

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.



67.6820, 60.8628, 38.8996



45.1826, 60.8628, 82.0394



73.5272, 60.8628, 73.4668

Square

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



45.1826, 60.8628, 82.0394



63.1204, 60.8628, 113.8484



72.6839, 60.8628, 52.6618



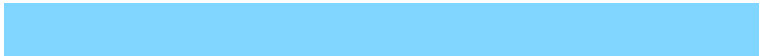
52.8782, 60.8628, 34.2268

Rectangle

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



45.1826, 60.8628, 82.0394



53.0867, 60.8628, 114.1794



72.6839, 60.8628, 52.6618



62.8863, 60.8628, 34.0786

Sweetspot

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



45.1844, 60.8651, 82.0408



80.4367, 91.8374, 108.0947



34.6604, 58.3850, 21.2905



16.8956, 19.4756, 23.1186



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.



45.1844, 60.8651, 82.0408



55.3365, 77.0002, 106.5537



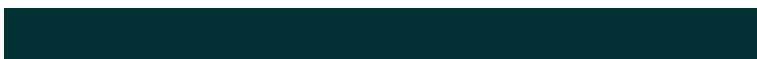
31.3385, 33.1732, 77.4255



14.7675, 16.2563, 18.5038



23.0317, 33.1255, 47.5631



1.7140, 2.4719, 3.5188

Inverse Universe

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



49.2741, 30.2097, 73.0485



61.2304, 33.7355, 93.3890



47.1431, 43.8064, 17.2817



14.9750, 14.6072, 18.0685



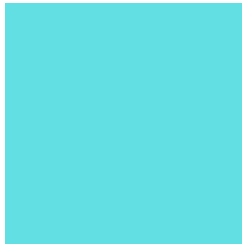
26.0188, 12.5418, 40.5898



1.9288, 0.9292, 3.0314

Previews

White Background



This preview shows how the XYZ color 45.1826, 60.8628, 82.0394 looks on a white background.

Color Contrast Check

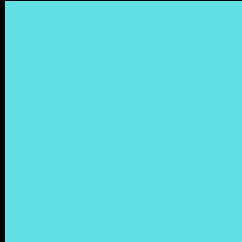
Large Text (above 18pt) WCAG AA × Fail

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 45.1826, 60.8628, 82.0394 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

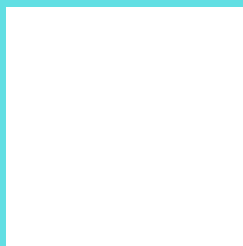
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1826, 60.8628, 82.0394

Background



This preview shows how black text looks on a background with the XYZ color 45.1826, 60.8628, 82.0394.

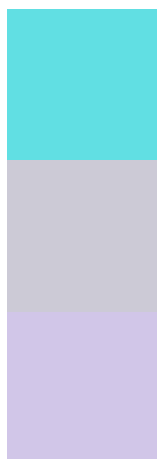


This preview shows how white text looks on a background with the XYZ color 45.1826, 60.8628,

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

45.1826, 60.8628, 82.0394

Protanopia

58.1600, 59.9335, 72.1213

Deuteranopia

61.0541, 59.7697, 84.6627



Tritanopia

46.9159, 60.7697, 90.9183

Trichromacy



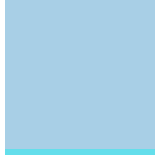
Original Color

45.1826, 60.8628, 82.0394



Protanomaly

51.3498, 59.2070, 75.7395



Deuteranomaly

52.7442, 58.6636, 83.4062



Tritanomaly

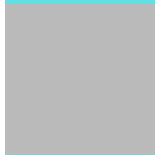
46.3722, 60.9500, 87.9177

Monochromacy



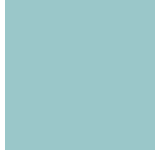
Original Color

45.1826, 60.8628, 82.0394



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.2925, 51.9339, 62.9481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1826, 60.8628, 82.0394 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(97, 223, 227)` looks like.

```
.text, #text, p{  
    color:rgb(97, 223, 227)  
}
```

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(97, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 223, 227) }
```

Border

The CSS property to change the border of an element to XYZ 45.1826, 60.8628, 82.0394 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(97, 223, 227) }
```


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

```
.border{ border-color:rgb(97, 223, 227) }
```

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

Here you see how a box with a 4 pixel rgb(97, 223, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(97, 223,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1826, 60.8628, 82.0394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 223, 227) }
```

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

```
.background{ background-color: rgb(97, 223,  
227) }
```

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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