

Converting Colors

XYZ(50.6627, 65.4779, 82.9839)

Have a look what the booklet for
XYZ(50.6627, 65.4779, 82.9839)
contains.

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Color

**XYZ(50.5401, 65.2300,
82.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	82E3E3
RGB	130, 227, 227
RGB Percent	51%, 89%, 89%
CMY	0.4902, 0.1098, 0.1098
CMYK	0.43, 0.00, 0.00, 0.11
HSL	180°, 63%, 70%
HSV	180°, 43%, 89%
XYZ	50.5401, 65.2300, 82.6000
YIQ	197.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

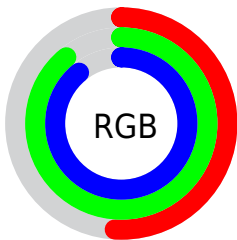
Format	Color
RYB	130, 179, 227
Decimal	8578019
CIELab	84.60, -28.55, -8.95
CIELCh	85, 29.925, 197.408
Yxy	65.2300, 0.2548, 0.3288
Android (android.graphics.Color)	4286768099 (0xFF82E3E3)
YUV	197.9970, 14.2985, -59.6334
Hunter-Lab	80.7651, -29.6396, -4.1015

Details

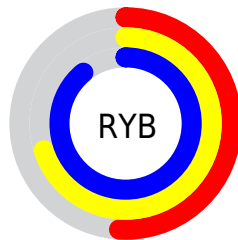
The XYZ color **50.5401, 65.2300, 82.6000** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **43.6926, 33.9098, 25.3637**, and the grayscale version is **53.6173, 56.4096, 61.4300**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **24.6078, 33.4440, 44.1881** is the 20% darker color. If you saturate the color by 10%, you get **47.4354, 63.6310, 82.4558**, and if you desaturate by 10%, it is **54.4167, 67.2300, 82.7832**.

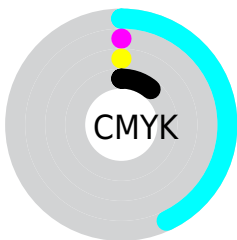
Distribution



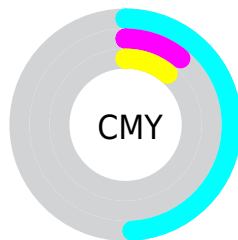
- Red (51%)
- Green (89%)
- Blue (89%)



- Red (51%)
- Yellow (70%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)





- Cyan (49%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5401, 65.2300, 82.6000 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 50.5401, 65.2300, 82.6000 by changing the saturation by 10% instead.


 50.5401, 65.2300,
82.6000

 50.5401, 65.2300,
82.6000


379.1915,
443.6180, 523.5885


 36.0623, 47.6476,
61.3215


 90.1616, 112.3805,
138.8593

 24.6526, 33.5479,
44.0525


 116.0361,
142.7173, 174.6772

 15.9458, 22.5465,
30.3743


 146.4401,
178.0744, 216.1787

 9.5764, 14.2590,
19.8684

181.7391,
218.8362, 263.7823

 5.1791, 8.3010,
12.1163

222.2983,
265.3871, 317.9065

 2.3886, 4.2882,
6.6994

268.4833,

 0.8394, 1.8360,

318.1114, 378.9699

3.1993

320.6592,
377.3936, 447.3911

■ 0.0000, 0.5095,
1.1973

■ 0.0000, 0.0000,
0.0000

■ 50.5401, 65.2300,
82.6000

■ 50.5401, 65.2300,
82.6000

■ 47.4354, 63.6310,
82.4558

■ 54.4167, 67.2300,
82.7832

■ 45.0457, 62.3991,
82.3436


■ 59.1058, 69.6473,
83.0030


■ 43.3158, 61.5073,
82.2622


■ 64.6522, 72.5066,
83.2630

■ 42.1796, 60.9216,
82.2087


■ 71.0954, 75.8282,
83.5649


 41.5575, 60.6009,
82.1792


 78.4729, 79.6314,
83.9105

 41.3351, 60.4862,
82.1685

 82.5759, 81.7466,
84.1029

 82.5760, 81.7466,
84.1033

 82.5760, 81.7466,
84.1036

 82.5761, 81.7467,
84.1040

Harmonies

Analogous

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



50.2968, 65.2300, 63.3082



50.5401, 65.2300, 82.6000



53.7117, 65.2300, 101.6705

Triad

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



50.5401, 65.2300, 82.6000



71.9371, 65.2300, 98.9207



64.8397, 65.2300, 40.8495

Complementary

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



50.5401, 65.2300, 82.6000



43.6926, 33.9098, 25.3637

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.



71.0980, 65.2300, 47.2531



50.5401, 65.2300, 82.6000



75.3889, 65.2300, 79.3434

Square

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



50.5401, 65.2300, 82.6000



65.9192, 65.2300, 112.1928



75.0713, 65.2300, 60.5841



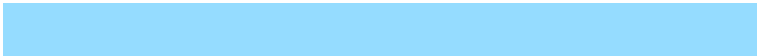
58.2377, 65.2300, 41.4050

Rectangle

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



50.5401, 65.2300, 82.6000



57.1977, 65.2300, 110.6577



75.0713, 65.2300, 60.5841



67.0620, 65.2300, 42.2036

Sweetspot

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



50.5420, 65.2326, 82.6015



83.8882, 94.2459, 108.3770



40.9562, 61.4271, 30.8185



17.5930, 19.9856, 23.1801



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.



50.5420, 65.2326, 82.6015



62.2597, 83.0960, 107.3630



39.4178, 42.9837, 78.8949



14.8075, 16.3364, 18.5171



24.1059, 35.2744, 47.9192



1.7813, 2.6067, 3.5411

Inverse Universe

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



43.6926, 33.9098, 25.3637



52.2660, 37.3940, 23.8493



51.4092, 49.3431, 27.9352



14.3771, 14.3680, 14.9201



18.4751, 9.5242, 0.8647



1.3652, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 50.5401, 65.2300, 82.6000 looks on a white background.

Color Contrast Check

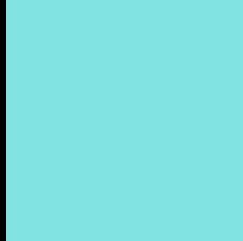
Large Text (above 18pt) WCAG AA × Fail

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 50.5401, 65.2300, 82.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

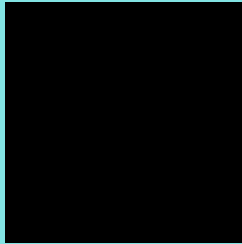
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5401, 65.2300, 82.6000

Background



This preview shows how black text looks on a background with the XYZ color 50.5401, 65.2300, 82.6000.



This preview shows how white text looks on a background with the XYZ color 50.5401, 65.2300,

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

50.5401, 65.2300, 82.6000

Protanopia

62.3465, 64.5558, 74.1403

Deuteranopia

65.6736, 64.2276, 85.2797



Tritanopia

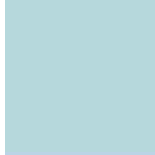
53.0945, 65.4724, 94.6331

Trichromacy



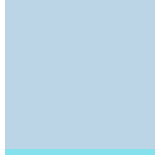
Original Color

50.5401, 65.2300, 82.6000



Protanomaly

56.7655, 64.2241, 77.1148



Deuteranomaly

58.3199, 63.3649, 84.0198



Tritanomaly

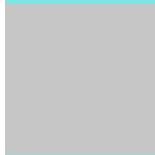
52.1553, 65.4937, 90.0134

Monochromacy



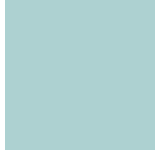
Original Color

50.5401, 65.2300, 82.6000



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.5427, 59.0886, 69.0103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5401, 65.2300, 82.6000 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, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(130, 227, 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(130, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 50.5401, 65.2300, 82.6000 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, 227, 227) }
```


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

```
.border{ border-color:rgb(130, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 227, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 227, 227); box-shadow:4px 4px 4px 4px rgb(130, 227, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5401, 65.2300, 82.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 227, 227) }
```

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

```
.background{ background-color: rgb(130,  
227, 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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