

Converting Colors

XYZ(54.1984, 66.7111, 82.6930)

Have a look what the booklet for
XYZ(54.1984, 66.7111, 82.6930)
contains.

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Color

**XYZ(54.1984, 66.7111,
82.6930)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 99E2E3 |
| RGB | 153, 226, 227 |
| RGB Percent | 60%, 89%, 89% |
| CMY | 0.4000, 0.1137, 0.1098 |
| CMYK | 0.33, 0.00, 0.00, 0.11 |
| HSL | 181°, 57%, 75% |
| HSV | 181°, 33%, 89% |
| XYZ | 54.1984, 66.7111, 82.6930 |
| YIQ | 204.2870, -43.8290, -15.1650 |

Conversions

Conversions Part 2

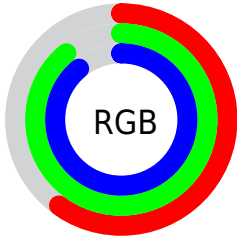
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 153, 190, 227 |
| Decimal | 10085091 |
| CIELab | 85.36, -22.26, -7.72 |
| CIELCh | 85, 23.565, 199.120 |
| Yxy | 66.7111, 0.2662, 0.3277 |
| Android (android.graphics.Color) | 4288275171 (0xFF99E2E3) |
| YUV | 204.2870, 11.1975, -44.9787 |
| Hunter-Lab | 81.6769, -24.4871, -2.8538 |

Details

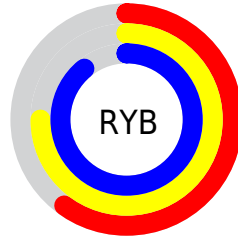
The XYZ color **54.1984, 66.7111, 82.6930** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9849, 41.7427, 35.6139**, and the grayscale version is **57.5289, 60.5249, 65.9116**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **26.8581, 34.3247, 44.2395** is the 20% darker color. If you saturate the color by 10%, you get **50.2322, 64.5447, 82.4850**, and if you desaturate by 10%, it is **58.9837, 69.3033, 82.9423**.

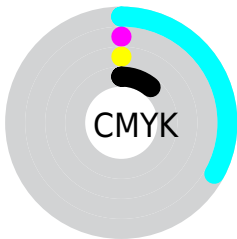
Distribution



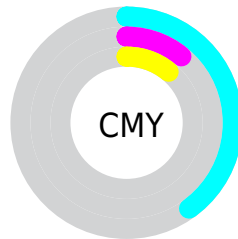
- Red (60%)
- Green (89%)
- Blue (89%)



- Red (60%)
- Yellow (75%)
- Blue (89%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)





- Cyan (40%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1984, 66.7111, 82.6930 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 54.1984, 66.7111, 82.6930 by changing the saturation by 10% instead.


 54.1984, 66.7111,
82.6930


 54.1984, 66.7111,
82.6930


393.0521,
448.9157, 523.9070

 38.9916, 48.8499,
61.3978


 95.5207, 114.5063,
138.9908

 26.9339, 34.5004,
44.1136

 122.3669,
145.2092, 174.8304

 17.6599, 23.2783,
30.4220

153.8236,
180.9613, 216.3553

 10.8043, 14.7991,
19.9044

190.2561,
222.1472, 263.9840

 6.0017, 8.6785,
12.1422

232.0299,
269.1512, 318.1349

 2.8868, 4.5321,
6.7168

279.5103,

 1.0942, 1.9754,

322.3577, 379.2267

3.2099

333.0626,
382.1510, 447.6779

■ 0.0202, 0.5931,
1.2028

■ 0.0000, 0.0000,
0.0000

■ 54.1984, 66.7111,
82.6930

■ 54.1984, 66.7111,
82.6930

■ 50.2322, 64.5447,
82.4850

■ 58.9837, 69.3033,
82.9423

■ 47.0329, 62.7722,
82.3115

■ 64.6248, 72.3352,
83.2302

■ 44.5514, 61.3700,
82.1716

■ 71.1636, 75.8302,
83.5601

■ 42.7306, 60.3086,
82.0627

■ 78.6371, 79.8072,
83.9339

■ 41.5045, 59.5540,
81.9817

■ 82.7207, 82.0369,
84.1490

■ 40.7939, 59.0654,
81.9248

■ 82.8047, 82.2049,
84.1770

■ 40.5054, 58.8262,
81.8939

■ 82.8889, 82.3732,
84.2051

■ 82.9732, 82.5419,
84.2332

■ 83.0577, 82.7108,
84.2613

Harmonies

Analogous

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



53.8555, 66.7111, 67.2305



54.1984, 66.7111, 82.6930



56.9261, 66.7111, 97.1959

Triad

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



54.1984, 66.7111, 82.6930



71.4850, 66.7111, 93.6156



65.3634, 66.7111, 47.4335

Complementary

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



54.1984, 66.7111, 82.6930



48.9849, 41.7427, 35.6139

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.



70.3618, 66.7111, 52.6083



54.1984, 66.7111, 82.6930



74.0257, 66.7111, 78.3259

Square

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



54.1984, 66.7111, 82.6930



66.8273, 66.7111, 104.0878



73.6035, 66.7111, 63.4313



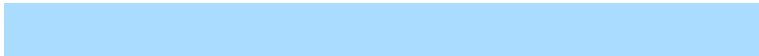
60.1053, 66.7111, 48.2607

Rectangle

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



54.1984, 66.7111, 82.6930



59.8199, 66.7111, 103.6958



73.6035, 66.7111, 63.4313



67.1345, 66.7111, 48.4963

Sweetspot

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



54.2004, 66.7138, 82.6945



86.1733, 95.2613, 108.4532



46.3571, 64.0117, 40.0507



18.1984, 20.2580, 23.2010



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.



54.2004, 66.7138, 82.6945



67.0072, 84.9108, 107.4655



45.4169, 49.1468, 79.7667



14.7899, 16.3013, 18.5113



23.6300, 34.3221, 47.7626



1.7516, 2.5470, 3.5313

Inverse Universe

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



56.7989, 44.6060, 77.5707



70.8880, 52.0201, 99.7850



55.8431, 55.4592, 37.9000



14.9863, 14.6117, 18.1283



26.3208, 12.6625, 42.1800



1.9477, 0.9368, 3.1313

Previews

White Background



This preview shows how the XYZ color 54.1984, 66.7111, 82.6930 looks on a white background.

Color Contrast Check

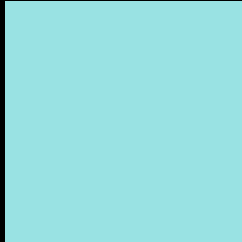
Large Text (above 18pt) WCAG AA × Fail

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 54.1984, 66.7111, 82.6930 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

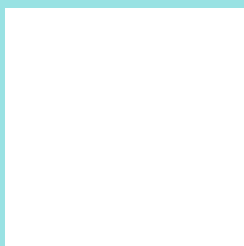
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1984, 66.7111, 82.6930

Background



This preview shows how black text looks on a background with the XYZ color 54.1984, 66.7111, 82.6930.



This preview shows how white text looks on a background with the XYZ color 54.1984, 66.7111,

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

54.1984, 66.7111, 82.6930

Protanopia

63.6807, 65.9466, 75.7023

Deuteranopia

67.2356, 65.7594, 84.7504



Tritanopia

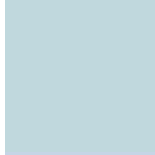
56.5873, 66.8902, 93.9330

Trichromacy



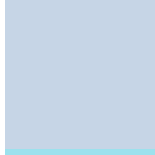
Original Color

54.1984, 66.7111, 82.6930



Protanomaly

59.3452, 65.5387, 77.9290



Deuteranomaly

61.3659, 65.3074, 84.2342



Tritanomaly

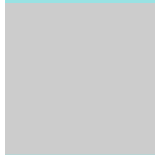
55.9216, 67.0328, 90.1120

Monochromacy



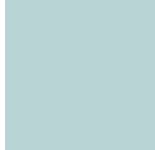
Original Color

54.1984, 66.7111, 82.6930



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.4347, 62.1547, 71.3627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1984, 66.7111, 82.6930 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(153, 226, 227)` looks like.

```
.text, #text, p{  
    color:rgb(153, 226, 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(153, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 226, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.1984, 66.7111, 82.6930 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(153, 226, 227) }
```


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

```
.border{ border-color:rgb(153, 226, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 226, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(153, 226,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1984, 66.7111, 82.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 226, 227) }
```

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

```
.background{ background-color: rgb(153,  
226, 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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