

Converting Colors

XYZ(54.1811, 67.6236, 77.9105)

Have a look what the booklet for
XYZ(54.1811, 67.6236, 77.9105)
contains.

XYZ(54.1792, 67.6227, 77.9071)	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(54.1792, 67.6227,
77.9071)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE4DC
RGB	155, 228, 220
RGB Percent	61%, 89%, 86%
CMY	0.3921, 0.1059, 0.1372
CMYK	0.32, 0.00, 0.04, 0.11
HSL	173°, 57%, 75%
HSV	173°, 32%, 89%
XYZ	54.1792, 67.6227, 77.9071
YIQ	205.2610, -40.9400, -17.9640

Conversions

Conversions Part 2

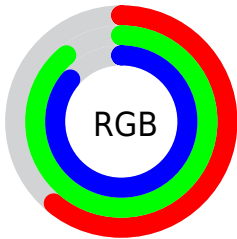
Format	Color
RYB	155, 194, 228
Decimal	10216668
CIELab	85.82, -24.29, -3.34
CIELCh	86, 24.523, 187.818
Yxy	67.6227, 0.2713, 0.3386
Android (android.graphics.Color)	4288406748 (0xFF9BE4DC)
YUV	205.2610, 7.2663, -44.0789
Hunter-Lab	82.2330, -26.3031, 1.3921

Details

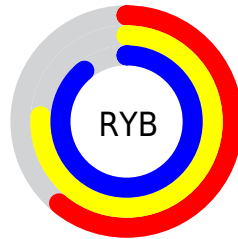
The XYZ color **54.1792, 67.6227, 77.9071** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3294, 42.5828, 40.2195**, and the grayscale version is **58.1698, 61.1992, 66.6459**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **26.7996, 34.9310, 40.9272** is the 20% darker color. If you saturate the color by 10%, you get **49.8818, 65.4470, 75.9921**, and if you desaturate by 10%, it is **59.3116, 70.2317, 79.8899**.

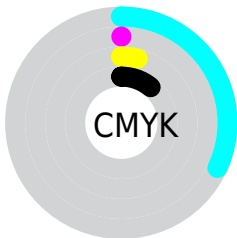
Distribution



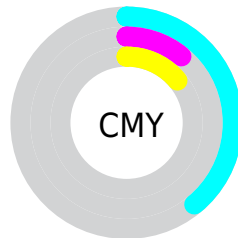
- Red (61%)
- Green (89%)
- Blue (86%)



- Red (61%)
- Yellow (76%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)





- Cyan (39%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1792, 67.6227, 77.9071 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 54.1792, 67.6227, 77.9071 by changing the saturation by 10% instead.


 54.1792, 67.6227,
77.9071


 54.1792, 67.6227,
77.9071


392.9802,
452.1581, 507.3708

 38.9762, 49.5908,
57.4817


 95.4927, 115.8122,
132.2038

 26.9218, 35.0884,
40.9801


 122.3338,
146.7387, 166.9122

 17.6508, 23.7310,
27.9840


153.7851,
182.7321, 207.2187

 10.7978, 15.1342,
18.0747

190.2118,
224.1770, 253.5417

 5.9973, 8.9136,
10.8336

231.9793,
271.4576, 306.2999

 2.8841, 4.6849,
5.8423

279.4530,

 1.0928, 2.0636,

324.9584, 365.9118

2.6822

332.9981,
385.0637, 432.7959

■ 0.0190, 0.6440,
0.9344

■ 0.0000, 0.0000,
0.0000

■ 54.1792, 67.6227,
77.9071

■ 54.1792, 67.6227,
77.9071

■ 49.8818, 65.4470,
75.9921

■ 59.3116, 70.2317,
79.8899

■ 46.3669, 63.6724,
74.1380

■ 65.3162, 73.2881,
81.9381

■ 43.5852, 62.2752,
72.3438

■ 72.2349, 76.8151,
84.0550

■ 41.4794, 61.2259,
70.6068

■ 80.1052, 80.8322,
86.2427

■ 39.9833, 60.4903,
68.9237

■ 83.6211, 82.6038,
88.2529

■ 39.0178, 60.0278,
67.2907

■ 83.9798, 82.7473,
90.1417

■ 38.5253, 59.8015,
66.0183

■ 84.3435, 82.8928,
92.0572

■ 84.7124, 83.0403,
93.9996

■ 85.0864, 83.1899,
95.9689

Harmonies

Analogous

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



54.8038, 67.6227, 62.5832



54.1792, 67.6227, 77.9071



56.1322, 67.6227, 94.2163

Triad

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



54.1792, 67.6227, 77.9071



71.1085, 67.6227, 100.7943



68.4276, 67.6227, 48.5933

Complementary

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



54.1792, 67.6227, 77.9071



50.3294, 42.5828, 40.2195

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.



73.1659, 67.6227, 56.2840



54.1792, 67.6227, 77.9071



74.7753, 67.6227, 85.9050

Square

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



54.1792, 67.6227, 77.9071



65.7501, 67.6227, 108.6255



75.5493, 67.6227, 69.5117



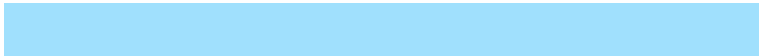
62.8189, 67.6227, 47.0952

Rectangle

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



54.1792, 67.6227, 77.9071



58.7039, 67.6227, 102.9549



75.5493, 67.6227, 69.5117



70.1844, 67.6227, 50.4798

Sweetspot

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



54.1812, 67.6254, 77.9086



85.8360, 95.3016, 106.1366



48.8721, 65.6973, 41.1165



18.1161, 20.2679, 22.6360



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.



54.1812, 67.6254, 77.9086



66.2668, 85.3539, 98.8711



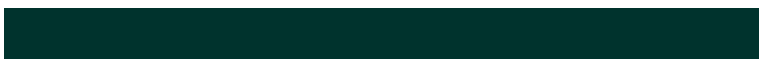
48.1813, 53.8885, 81.2641



14.7358, 16.3077, 18.1395



22.2722, 34.5410, 38.2632



1.6654, 2.5603, 2.9305

Inverse Universe

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



50.3294, 42.5828, 40.2195



60.6193, 48.6020, 43.5858



54.8436, 52.7228, 38.2974



14.4409, 14.3935, 15.2562



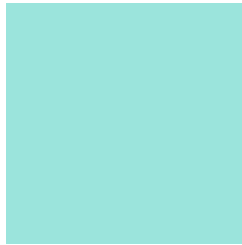
18.5975, 9.5732, 1.5094



1.3959, 0.7161, 0.2252

Previews

White Background



This preview shows how the XYZ color 54.1792, 67.6227, 77.9071 looks on a white background.

Color Contrast Check

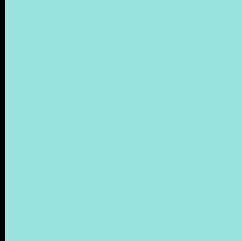
Large Text (above 18pt) WCAG AA × Fail

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 54.1792, 67.6227, 77.9071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

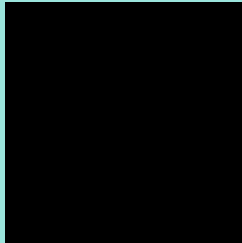
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

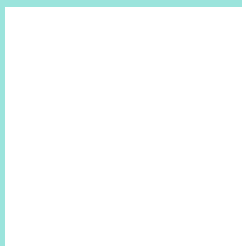
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1792, 67.6227, 77.9071

Background



This preview shows how black text looks on a background with the XYZ color 54.1792, 67.6227, 77.9071.

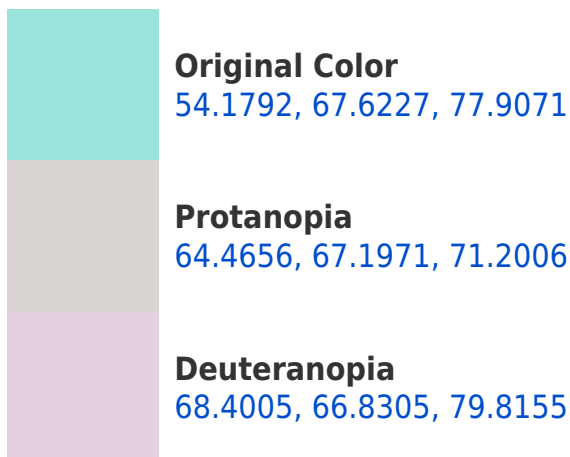


This preview shows how white text looks on a background with the XYZ color 54.1792, 67.6227,

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





Tritanopia

57.6001, 67.7951, 94.8439

Trichromacy



Original Color

54.1792, 67.6227, 77.9071

Protanomaly

59.7147, 66.5999, 73.3261

Deuteranomaly

62.2483, 66.6251, 79.3911

Tritanomaly

56.2923, 67.6600, 88.6900

Monochromacy



Original Color

54.1792, 67.6227, 77.9071

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.9206, 62.8064, 70.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1792, 67.6227, 77.9071 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(155, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(155, 228, 220)  
}
```

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(155, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 228, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.1792, 67.6227, 77.9071 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(155, 228, 220) }
```


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

```
.border{ border-color:rgb(155, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(155, 228,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1792, 67.6227, 77.9071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 228, 220) }
```

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

```
.background{ background-color: rgb(155,  
228, 220) }
```

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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