

Converting Colors

XYZ(54.2150, 70.3546, 95.1977)

Have a look what the booklet for
XYZ(54.2150, 70.3546, 95.1977)
contains.

XYZ(54.1982, 70.1728, 95.4822)	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(54.1982, 70.1728,
95.4822)**

Conversions

Conversions Part 1

Format	Color
Hex	7CEBF3
RGB	124, 235, 243
RGB Percent	49%, 92%, 95%
CMY	0.5137, 0.0784, 0.0471
CMYK	0.49, 0.03, 0.00, 0.05
HSL	184°, 83%, 72%
HSV	184°, 49%, 95%
XYZ	54.1982, 70.1728, 95.4822
YIQ	202.7230, -68.7240, -21.0440

Conversions

Conversions Part 2

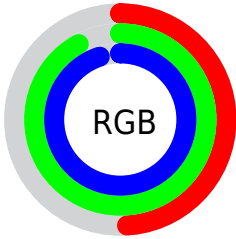
Format	Color
RYB	124, 181, 243
Decimal	8186867
CIELab	87.08, -29.70, -13.71
CIELCh	87, 32.706, 204.777
Yxy	70.1728, 0.2465, 0.3192
Android (android.graphics.Color)	4286376947 (0xFF7CEBF3)
YUV	202.7230, 19.8566, -69.0401
Hunter-Lab	83.7692, -31.1076, -8.9418

Details

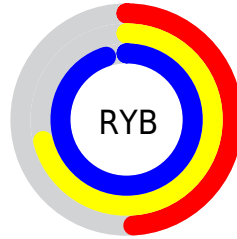
The XYZ color **54.1982, 70.1728, 95.4822** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.8529, 37.0138, 23.6402**, and the grayscale version is **56.5033, 59.4459, 64.7366**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **26.9532, 36.7887, 52.6941** is the 20% darker color. If you saturate the color by 10%, you get **50.6448, 67.6516, 95.1841**, and if you desaturate by 10%, it is **58.6252, 73.1540, 95.8255**.

Distribution



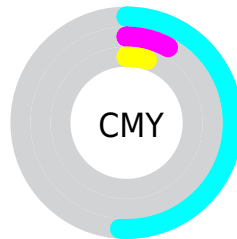
- Red (49%)
- Green (92%)
- Blue (95%)



- Red (49%)
- Yellow (71%)
- Blue (95%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)





- Cyan (51%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1982, 70.1728, 95.4822 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 54.1982, 70.1728, 95.4822 by changing the saturation by 10% instead.


 54.1982, 70.1728,
95.4822


 54.1982, 70.1728,
95.4822


393.0514,
461.1565, 566.7313


 38.9914, 51.6674,
71.9373


 95.5204, 119.4551,
156.9319

 26.9338, 36.7401,
52.6209


 122.3665,
151.0009, 195.6738

 17.6598, 25.0063,
37.1146

 153.8232,
187.6622, 240.3184

 10.8042, 16.0817,
24.9997

190.2557,
229.8236, 291.2843

 6.0017, 9.5820,
15.8578

232.0294,
277.8693, 348.9900

 2.8868, 5.1227,
9.2703

279.5097,

 1.0942, 2.3194,

332.1837, 413.8540

4.8187

333.0619,
393.1513, 486.2949

■ 0.0202, 0.7840,
2.0844

■ 0.0000, 0.0000,
0.6065

■ 54.1982, 70.1728,
95.4822

■ 54.1982, 70.1728,
95.4822

■ 50.6448, 67.6516,
95.1841

■ 58.6252, 73.1540,
95.8255

■ 47.8941, 65.5489,
94.9232


■ 63.9778, 76.6171,
96.2119


■ 45.8742, 63.8293,
94.6977

■ 70.3110, 80.5922,
96.6453


■ 44.4979, 62.4477,
94.5036


■ 77.6740, 85.1046,
97.1283


 43.6339, 61.3367,
94.3347


 86.1125, 90.1778,
97.6627

 43.5566, 61.2286,
94.3179

 90.0108, 92.9170,
97.9860

 90.5066, 93.9085,
98.1512

 91.0067, 94.9088,
98.3179

 91.5113, 95.9179,
98.4861

Harmonies

Analogous

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



53.0786, 70.1728, 72.6301



54.1982, 70.1728, 95.4822



58.5578, 70.1728, 116.3046

Triad

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



54.1982, 70.1728, 95.4822



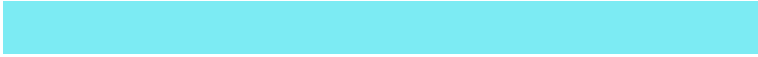
79.4671, 70.1728, 103.4086



68.0470, 70.1728, 41.6277

Complementary

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



54.1982, 70.1728, 95.4822



48.8529, 37.0138, 23.6402

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.



75.5578, 70.1728, 46.8683



54.1982, 70.1728, 95.4822



82.4660, 70.1728, 80.3110

Square

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



54.1982, 70.1728, 95.4822



73.0620, 70.1728, 121.4603



80.9836, 70.1728, 60.0569



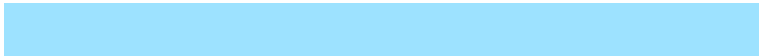
60.7131, 70.1728, 44.1503

Rectangle

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



54.1982, 70.1728, 95.4822



62.9040, 70.1728, 124.7626



80.9836, 70.1728, 60.0569



70.6398, 70.1728, 42.5043

Sweetspot

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



54.2003, 70.1755, 95.4839



81.5364, 91.8241, 108.0341



44.5247, 70.0519, 32.9825



17.0918, 19.4323, 23.0999



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.



54.2003, 70.1755, 95.4839



56.4415, 75.4332, 106.1930



39.9322, 41.6392, 90.7278



16.8958, 18.5558, 21.2337



23.9452, 33.6842, 51.7777



2.1327, 3.0169, 4.5601

Inverse Universe

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



59.1670, 39.4701, 83.1002



62.7102, 37.8575, 90.2987



59.3273, 57.9627, 27.1317



17.1627, 16.7479, 20.6034



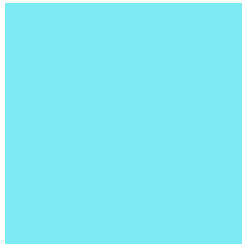
27.8910, 13.4998, 40.9957



2.4656, 1.1922, 3.6780

Previews

White Background



This preview shows how the XYZ color 54.1982, 70.1728, 95.4822 looks on a white background.

Color Contrast Check

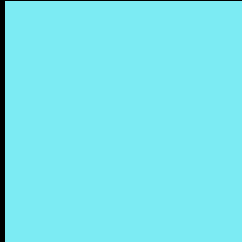
Large Text (above 18pt) WCAG AA × Fail

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 54.1982, 70.1728, 95.4822 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 54.1982, 70.1728, 95.4822

Background



This preview shows how black text looks on a background with the XYZ color 54.1982, 70.1728, 95.4822.

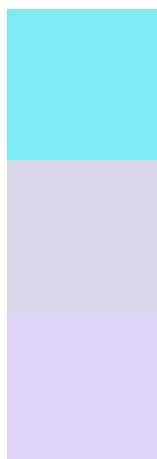


This preview shows how white text looks on a background with the XYZ color 54.1982, 70.1728,

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

54.1982, 70.1728, 95.4822

Protanopia

67.3395, 69.1221, 85.3940

Deuteranopia

70.6690, 69.0538, 98.4110



Tritanopia

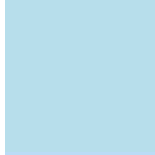
55.7459, 70.3859, 102.7432

Trichromacy



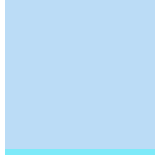
Original Color

54.1982, 70.1728, 95.4822



Protanomaly

60.6451, 68.3080, 88.5857



Deuteranomaly

62.7213, 68.4050, 97.0865



Tritanomaly

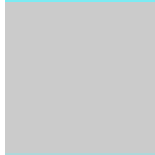
55.1259, 70.1208, 100.2518

Monochromacy



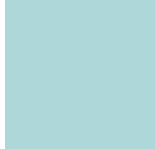
Original Color

54.1982, 70.1728, 95.4822



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.4109, 62.6615, 75.5568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1982, 70.1728, 95.4822 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(124, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(124, 235, 243)  
}
```

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(124, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 235, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.1982, 70.1728, 95.4822 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(124, 235, 243) }
```


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

```
.border{ border-color:rgb(124, 235, 243) }
```

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

Here you see how a box with a 4 pixel rgb(124, 235, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(124, 235,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1982, 70.1728, 95.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 235, 243) }
```

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

```
.background{ background-color: rgb(124,  
235, 243) }
```

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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