

Converting Colors

XYZ(54.7019, 65.6944, 86.9286)

Have a look what the booklet for
XYZ(54.7019, 65.6944, 86.9286)
contains.

XYZ(54.6132, 65.6271, 86.8797)	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(54.6132, 65.6271,
86.8797)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDFE9
RGB	155, 223, 233
RGB Percent	61%, 87%, 91%
CMY	0.3921, 0.1255, 0.0863
CMYK	0.33, 0.04, 0.00, 0.09
HSL	188°, 64%, 76%
HSV	188°, 33%, 91%
XYZ	54.6132, 65.6271, 86.8797
YIQ	203.8080, -43.7380, -11.3060

Conversions

Conversions Part 2

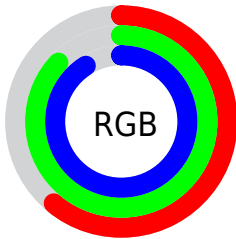
Format	Color
RYB	155, 191, 233
Decimal	10215401
CIELab	84.81, -18.83, -11.70
CIELCh	85, 22.169, 211.852
Yxy	65.6271, 0.2637, 0.3169
Android (android.graphics.Color)	4288405481 (0xFF9BDFE9)
YUV	203.8080, 14.3917, -42.8046
Hunter-Lab	81.0106, -21.4328, -6.8781

Details

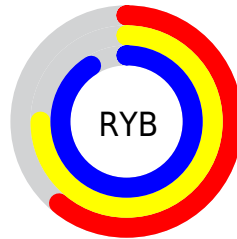
The XYZ color **54.6132, 65.6271, 86.8797** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9767, 46.6011, 37.2145**, and the grayscale version is **57.2067, 60.1859, 65.5424**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **27.1940, 33.8889, 46.7029** is the 20% darker color. If you saturate the color by 10%, you get **49.7754, 61.9605, 86.4281**, and if you desaturate by 10%, it is **60.3318, 69.7718, 87.3794**.

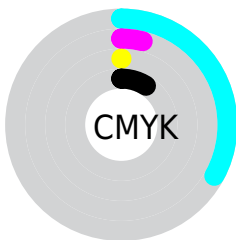
Distribution



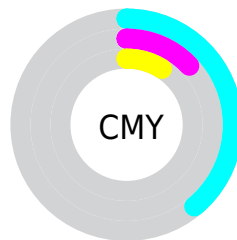
- Red (61%)
- Green (87%)
- Blue (91%)



- Red (61%)
- Yellow (75%)
- Blue (91%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6132, 65.6271, 86.8797 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 54.6132, 65.6271, 86.8797 by changing the saturation by 10% instead.

■ 54.6132, 65.6271,
86.8797

■ 54.6132, 65.6271,
86.8797

394.6043,
445.0421, 538.1334

■ 39.3247, 47.9698,
64.8366

■ 96.1256, 112.9510,
144.8938

■ 27.1943, 33.8029,
46.8781

■ 123.0803,
143.3863, 181.7020

■ 17.8565, 22.7422,
32.5856

154.6544,
178.8497, 224.2688

■ 10.9461, 14.4033,
21.5407

191.2134,
219.7256, 273.0130

■ 6.0976, 8.4017,
13.3247

233.1225,
266.3984, 328.3530

■ 2.9458, 4.3530,
7.5192

280.7471,

■ 1.1251, 1.8729,

319.2525, 390.7074

3.7055

334.4526,
378.6722, 460.4947

■ 0.0460, 0.5320,
1.4652

■ 0.0000, 0.0000,
0.1918

■ 54.6132, 65.6271,
86.8797

■ 54.6132, 65.6271,
86.8797

■ 49.7754, 61.9605,
86.4281

■ 60.3318, 69.7718,
87.3794

■ 45.7625, 58.7385,
86.0177

■ 66.9712, 74.4106,
87.9249

■ 42.5217, 55.9351,
85.6474

■ 74.5759, 79.5681,
88.5195

■ 39.9911, 53.5184,
85.3143

■ 83.1860, 85.2651,
89.1654

■ 38.0995, 51.4516,
85.0150

■ 86.5043, 88.2554,
89.5677

■ 36.7602, 49.6899,
84.7456

■ 87.3807, 90.0084,
89.8598

■ 36.0964, 48.6597,
84.5817

■ 88.2717, 91.7903,
90.1568

■ 89.1772, 93.6013,
90.4587

■ 90.0973, 95.4416,
90.7654

Harmonies

Analogous

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



53.3124, 65.6271, 72.3441



54.6132, 65.6271, 86.8797



57.9801, 65.6271, 98.3794

Triad

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



54.6132, 65.6271, 86.8797



71.1793, 65.6271, 85.1477



62.0685, 65.6271, 47.4637

Complementary

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



54.6132, 65.6271, 86.8797



52.9767, 46.6011, 37.2145

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.



66.9899, 65.6271, 49.9571



54.6132, 65.6271, 86.8797



72.4140, 65.6271, 70.5767

Square

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



54.6132, 65.6271, 86.8797



67.5520, 65.6271, 97.2898



70.8429, 65.6271, 57.9764



57.4726, 65.6271, 50.6565

Rectangle

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



54.6132, 65.6271, 86.8797



61.0332, 65.6271, 102.0855



70.8429, 65.6271, 57.9764



63.7396, 65.6271, 47.6632

Sweetspot

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



54.6152, 65.6297, 86.8812



85.2490, 93.4127, 108.1451



49.3677, 67.9316, 45.6810



17.9730, 19.8073, 23.1259



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.



54.6152, 65.6297, 86.8812



62.9170, 77.4526, 106.2415



45.5550, 47.5094, 83.8612



15.3434, 16.7732, 19.3511



20.5459, 27.7387, 48.0142



1.6593, 2.2702, 3.7856

Inverse Universe

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



58.6465, 46.0956, 75.6213



68.6471, 50.4488, 90.0657



60.9015, 62.4507, 39.8561



15.6269, 15.2786, 18.5864



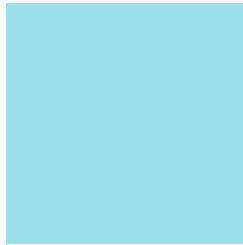
25.2259, 12.2931, 33.3206



2.0041, 0.9746, 2.7387

Previews

White Background



This preview shows how the XYZ color 54.6132, 65.6271, 86.8797 looks on a white background.

Color Contrast Check

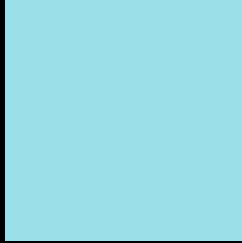
Large Text (above 18pt) WCAG AA × Fail

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 54.6132, 65.6271, 86.8797 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

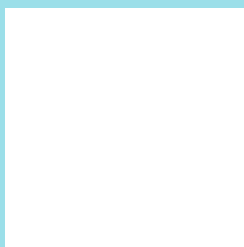
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6132, 65.6271, 86.8797

Background



This preview shows how black text looks on a background with the XYZ color 54.6132, 65.6271, 86.8797.

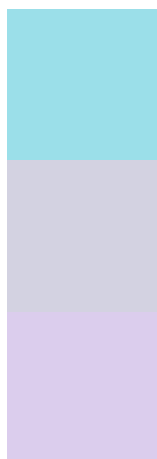


This preview shows how white text looks on a background with the XYZ color 54.6132, 65.6271,

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

54.6132, 65.6271, 86.8797

Protanopia

63.5012, 65.3783, 80.5066

Deuteranopia

66.3308, 64.8371, 89.1396



Tritanopia

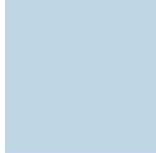
55.7541, 65.7019, 92.1813

Trichromacy



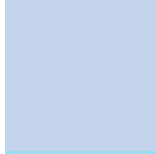
Original Color

54.6132, 65.6271, 86.8797



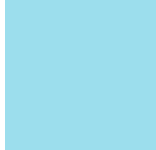
Protanomaly

59.7899, 65.2787, 82.8476



Deuteranomaly

61.4488, 64.8789, 88.6411



Tritanomaly

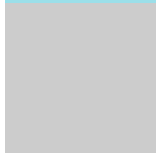
55.1176, 65.4249, 89.8440

Monochromacy



Original Color

54.6132, 65.6271, 86.8797



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.8097, 61.9339, 73.3029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6132, 65.6271, 86.8797 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, 223, 233)` looks like.

```
.text, #text, p{  
    color:rgb(155, 223, 233)  
}
```

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, 223, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 223, 233) }
```

Border

The CSS property to change the border of an element to XYZ 54.6132, 65.6271, 86.8797 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, 223, 233) }
```


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

```
.border{ border-color:rgb(155, 223, 233) }
```

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

Here you see how a box with a 4 pixel rgb(155, 223, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 223, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 223, 233);  
box-shadow:4px 4px 4px 4px rgb(155, 223,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6132, 65.6271, 86.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 223, 233) }
```

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

```
.background{ background-color: rgb(155,  
223, 233) }
```

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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