

Converting Colors

XYZ(54.8513, 65.2478, 84.1984)

Have a look what the booklet for
XYZ(54.8513, 65.2478, 84.1984)
contains.

XYZ(55.1021, 65.5328, 84.6078)	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(55.1021, 65.5328,
84.6078)**

Conversions

Conversions Part 1

Format	Color
Hex	A1DEE6
RGB	161, 222, 230
RGB Percent	63%, 87%, 90%
CMY	0.3686, 0.1294, 0.0980
CMYK	0.30, 0.03, 0.00, 0.10
HSL	187°, 58%, 77%
HSV	187°, 30%, 90%
XYZ	55.1021, 65.5328, 84.6078
YIQ	204.6730, -38.9240, -10.4440

Conversions

Conversions Part 2

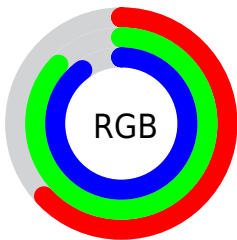
Format	Color
R _{YB}	161, 193, 230
Decimal	10608358
CIE Lab	84.76, -17.39, -10.15
CIE LCh	85, 20.132, 210.280
Yxy	65.5328, 0.2685, 0.3193
Android (android.graphics.Color)	4288798438 (0xFFA1DEE6)
YUV	204.6730, 12.4862, -38.3012
Hunter-Lab	80.9523, -20.1664, -5.3007

Details

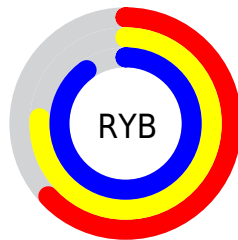
The XYZ color **55.1021, 65.5328, 84.6078** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.2548, 47.7725, 40.1337**, and the grayscale version is **57.7631, 60.7713, 66.1800**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **27.6200, 33.8584, 45.6370** is the 20% darker color. If you saturate the color by 10%, you get **50.1847, 61.9566, 84.1778**, and if you desaturate by 10%, it is **60.8871, 69.5762, 85.0844**.

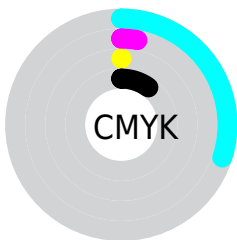
Distribution



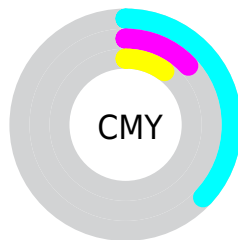
- Red (63%)
- Green (87%)
- Blue (90%)



- Red (63%)
- Yellow (76%)
- Blue (90%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1021, 65.5328, 84.6078 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 55.1021, 65.5328, 84.6078 by changing the saturation by 10% instead.

■ 55.1021, 65.5328,
84.6078

■ 55.1021, 65.5328,
84.6078

396.4290,
444.7042, 530.4401

■ 39.7176, 47.8932,
62.9691

■ 96.8380, 112.8155,
141.6944

■ 27.5017, 33.7423,
45.3754

■ 123.9201,
143.2275, 177.9793

■ 18.0889, 22.6957,
31.4081

155.6322,
178.6656, 219.9834

■ 11.1139, 14.3690,
20.6487

192.3395,
219.5145, 268.1252

■ 6.2114, 8.3778,
12.6787

234.4075,
266.1584, 322.8232

■ 3.0159, 4.3376,
7.0796

282.2015,

■ 1.1622, 1.8642,

318.9817, 384.4960

3.4327

336.0869,
378.3688, 453.5621

■ 0.0762, 0.5267,
1.3196

■ 0.0000, 0.0000,
0.0778

■ 55.1021, 65.5328,
84.6078

■ 55.1021, 65.5328,
84.6078

■ 50.1847, 61.9566,
84.1778

■ 60.8871, 69.5762,
85.0844

■ 46.0822, 58.8154,
83.7877

■ 67.5772, 74.1012,
85.6053

■ 42.7453, 56.0853,
83.4366

■ 75.2146, 79.1314,
86.1736

■ 40.1166, 53.7367,
83.1218

■ 83.8373, 84.6863,
86.7914

■ 38.1308, 51.7358,
82.8403

■ 85.3270, 86.5810,
87.0786

■ 36.7101, 50.0426,
82.5884

■ 86.0974, 88.1218,
87.3354

■ 35.7203, 48.5876,
82.3597

■ 86.8793, 89.6857,
87.5960

■ 35.7202, 48.5875,
82.3597

■ 87.6728, 91.2726,
87.8605

■ 88.4779, 92.8827,
88.1289

Harmonies

Analogous

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



54.0203, 65.5328, 71.4753



55.1021, 65.5328, 84.6078



58.0906, 65.5328, 95.1394

Triad

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



55.1021, 65.5328, 84.6078



70.1165, 65.5328, 84.3728



62.2447, 65.5328, 49.3107

Complementary

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



55.1021, 65.5328, 84.6078



53.2548, 47.7725, 40.1337

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.



66.6807, 65.5328, 51.9054



55.1021, 65.5328, 84.6078



71.3566, 65.5328, 71.2329

Square

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



55.1021, 65.5328, 84.6078



66.7575, 65.5328, 94.9926



70.0707, 65.5328, 59.5622



58.0206, 65.5328, 52.0035

Rectangle

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



55.1021, 65.5328, 84.6078



60.8359, 65.5328, 98.7047



70.0707, 65.5328, 59.5622



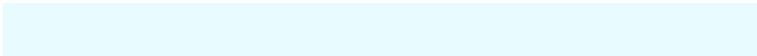
63.7609, 65.5328, 49.5893

Sweetspot

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



55.1040, 65.5354, 84.6093



86.2622, 94.2187, 108.2473



50.0546, 66.9953, 47.2915



18.1796, 19.9773, 23.1478



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.



55.1040, 65.5354, 84.6093



65.6544, 79.9459, 106.5785



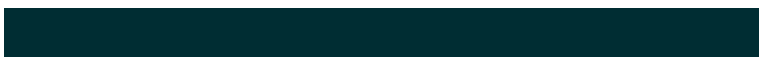
47.0938, 49.5149, 81.9392



14.6574, 16.0361, 18.4671



20.2809, 27.6238, 46.6462



1.5393, 2.1226, 3.4605

Inverse Universe

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



58.5643, 47.5881, 75.2090



70.7566, 54.0790, 92.5838



60.2819, 61.8265, 42.4760



14.9194, 14.5849, 17.7759



24.6303, 11.9864, 33.2780



1.8406, 0.8940, 2.5671

Previews

White Background



This preview shows how the XYZ color 55.1021, 65.5328, 84.6078 looks on a white background.

Color Contrast Check

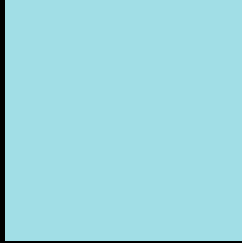
Large Text (above 18pt) WCAG AA × Fail

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 55.1021, 65.5328, 84.6078 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

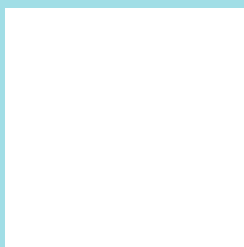
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1021, 65.5328, 84.6078

Background



This preview shows how black text looks on a background with the XYZ color 55.1021, 65.5328, 84.6078.

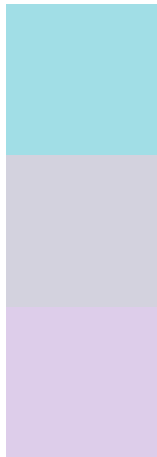


This preview shows how white text looks on a background with the XYZ color 55.1021, 65.5328,

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

55.1021, 65.5328, 84.6078

Protanopia

63.0954, 65.2160, 78.3697

Deuteranopia

66.5014, 64.9753, 86.8784



Tritanopia

56.3933, 65.6725, 90.5927

Trichromacy



Original Color

55.1021, 65.5328, 84.6078

Protanomaly

59.6295, 64.8668, 80.6119

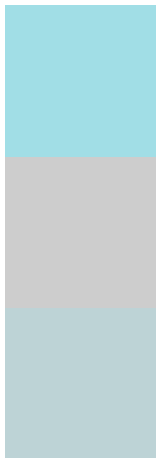
Deuteranomaly

61.5554, 64.6138, 86.3182

Tritanomaly

55.7521, 65.3924, 88.2808

Monochromacy



Original Color

55.1021, 65.5328, 84.6078

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.4181, 62.2624, 72.6626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1021, 65.5328, 84.6078 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(161, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(161, 222, 230)  
}
```

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(161, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 222, 230) }
```

Border

The CSS property to change the border of an element to XYZ 55.1021, 65.5328, 84.6078 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(161, 222, 230) }
```


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

```
.border{ border-color:rgb(161, 222, 230) }
```

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

Here you see how a box with a 4 pixel rgb(161, 222, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(161, 222,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1021, 65.5328, 84.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 222, 230) }
```

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

```
.background{ background-color: rgb(161,  
222, 230) }
```

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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