

Converting Colors

XYZ(55.0274, 65.7055, 93.0013)

Have a look what the booklet for
XYZ(55.0274, 65.7055, 93.0013)
contains.

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Color

**XYZ(55.0274, 65.7055,
93.0013)**

Conversions

Conversions Part 1

Format	Color
Hex	97DFF1
RGB	151, 223, 241
RGB Percent	59%, 87%, 95%
CMY	0.4078, 0.1255, 0.0549
CMYK	0.37, 0.07, 0.00, 0.05
HSL	192°, 76%, 77%
HSV	192°, 37%, 95%
XYZ	55.0274, 65.7055, 93.0013
YIQ	203.5240, -48.6900, -9.6660

Conversions

Conversions Part 2

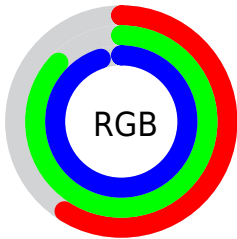
Format	Color
R_{YB}	151, 191, 241
Decimal	9953265
CIE _{Lab}	84.85, -17.96, -15.89
CIE _{LCh}	85, 23.976, 221.505
Yxy	65.7055, 0.2575, 0.3074
Android (android.graphics.Color)	4288143345 (0xFF97DFF1)
YUV	203.5240, 18.4757, -46.0635
Hunter-Lab	81.0589, -20.6772, -11.2839

Details

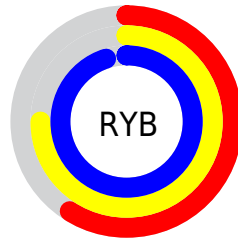
The XYZ color **55.0274, 65.7055, 93.0013** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.0508, 49.3122, 35.8440**, and the grayscale version is **57.0052, 59.9739, 65.3116**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **27.4789, 33.9409, 51.0019** is the 20% darker color. If you saturate the color by 10%, you get **49.7348, 61.0941, 92.3913**, and if you desaturate by 10%, it is **61.2749, 70.8667, 93.6694**.

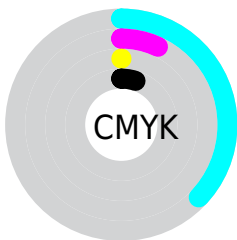
Distribution



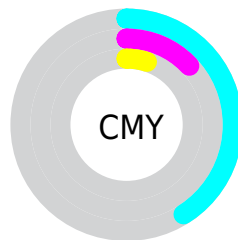
- Red (59%)
- Green (87%)
- Blue (95%)



- Red (59%)
- Yellow (75%)
- Blue (95%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0274, 65.7055, 93.0013 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 55.0274, 65.7055, 93.0013 by changing the saturation by 10% instead.

55.0274, 65.7055,
93.0013

55.0274, 65.7055,
93.0013

396.1505,
445.3229, 558.5664

39.6576, 48.0334,
69.8849

96.7292, 113.0635,
153.4721

27.4547, 33.8533,
50.9565

123.7919,
143.5182, 191.6637

18.0534, 22.7809,
35.7975

155.4829,
179.0026, 235.7173

11.0882, 14.4318,
23.9894

192.1676,
219.9010, 286.0516

6.1939, 8.4216,
15.1136

234.2114,
266.5978, 343.0852

3.0051, 4.3659,
8.7517

281.9795,

1.1565, 1.8803,

319.4775, 407.2364

4.4850

335.8375,
378.9244, 478.9240

■ 0.0716, 0.5365,
1.8950

■ 0.0000, 0.0000,
0.4895

■ 55.0274, 65.7055,
93.0013

■ 55.0274, 65.7055,
93.0013

■ 49.7348, 61.0941,
92.3913

■ 61.2749, 70.8667,
93.6694

■ 45.3346, 56.9951,
91.8320

■ 68.5229, 76.5969,
94.3934

■ 41.7663, 53.3786,
91.3220

■ 76.8211, 82.9239,
95.1773

■ 38.9590, 50.2074,
90.8579

■ 86.2143, 89.8711,
96.0231

■ 36.8294, 47.4382,
90.4356

■ 90.4093, 94.1947,
96.6366

■ 35.2686, 45.0143,
90.0500

■ 91.9031, 97.1823,
97.1345

■ 34.9045, 44.4051,
89.9516

■ 92.8774, 99.1310,
97.4593

Harmonies

Analogous

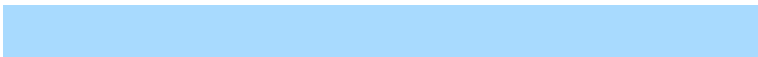
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.8624, 65.7055, 77.6089



55.0274, 65.7055, 93.0013



59.2300, 65.7055, 103.4392

Triad

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



55.0274, 65.7055, 93.0013



72.7728, 65.7055, 81.3470



60.4126, 65.7055, 46.2836

Complementary

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



55.0274, 65.7055, 93.0013



56.0508, 49.3122, 35.8440

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.



65.7869, 65.7055, 46.9857



55.0274, 65.7055, 93.0013



73.1345, 65.7055, 65.8001

Square

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



55.0274, 65.7055, 93.0013



69.5526, 65.7055, 96.0736



70.5142, 65.7055, 53.6673



55.8503, 65.7055, 51.5883

Rectangle

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



55.0274, 65.7055, 93.0013



62.7229, 65.7055, 105.3928



70.5142, 65.7055, 53.6673



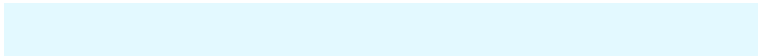
62.1801, 65.7055, 45.8478

Sweetspot

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



55.0294, 65.7081, 93.0028



83.7093, 91.5358, 107.8640



51.2408, 72.2999, 48.0585



17.6405, 19.3818, 23.0613



0.0000, 0.0000, 0.0000



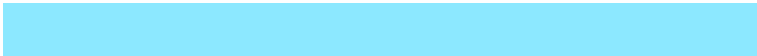
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.0294, 65.7081, 93.0028



57.7787, 70.5598, 105.1819



44.8619, 45.3731, 89.6137



15.9632, 17.3606, 20.2312



19.0255, 24.2752, 48.8107



1.6501, 2.1542, 4.0831

Inverse Universe

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



60.6632, 46.1636, 75.5279



65.2276, 45.9185, 81.8081



65.5317, 68.2741, 39.0043



16.3109, 15.9741, 19.1933



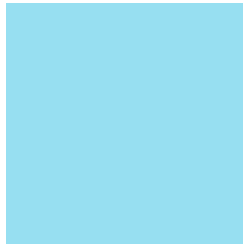
24.9288, 12.2439, 28.6053



2.1078, 1.0322, 2.5588

Previews

White Background



This preview shows how the XYZ color 55.0274, 65.7055, 93.0013 looks on a white background.

Color Contrast Check

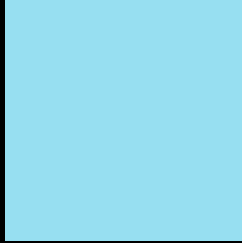
Large Text (above 18pt) WCAG AA × Fail

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 55.0274, 65.7055, 93.0013 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 55.0274, 65.7055, 93.0013

Background



This preview shows how black text looks on a background with the XYZ color 55.0274, 65.7055, 93.0013.

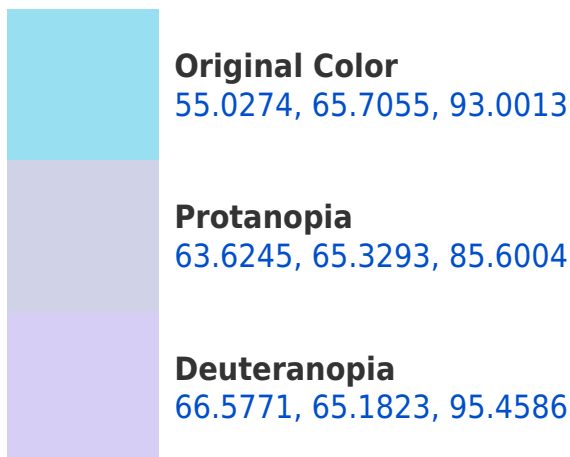


This preview shows how white text looks on a background with the XYZ color 55.0274, 65.7055,

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

55.0274, 65.7055, 93.0013

Trichromacy



Original Color

55.0274, 65.7055, 93.0013

Protanomaly

59.7894, 65.1638, 88.0239

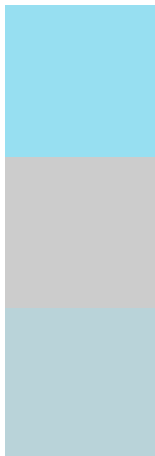
Deuteranomaly

61.6108, 64.8251, 94.8532

Tritanomaly

55.0274, 65.7055, 93.0013

Monochromacy



Original Color

55.0274, 65.7055, 93.0013

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.8262, 61.9126, 74.6536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0274, 65.7055, 93.0013 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(151, 223, 241)` looks like.

```
.text, #text, p{  
    color:rgb(151, 223, 241)  
}
```

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(151, 223, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 223, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.0274, 65.7055, 93.0013 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(151, 223, 241) }
```


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

```
.border{ border-color:rgb(151, 223, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 223, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 223, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 223, 241);  
box-shadow:4px 4px 4px 4px rgb(151, 223,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0274, 65.7055, 93.0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 223, 241) }
```

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

```
.background{ background-color: rgb(151,  
223, 241) }
```

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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