

Converting Colors

XYZ(56.3317, 65.6716, 93.1867)

Have a look what the booklet for
XYZ(56.3317, 65.6716, 93.1867)
contains.

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Color

**XYZ(56.2308, 65.5374,
92.9054)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DDF1
RGB	160, 221, 241
RGB Percent	63%, 87%, 95%
CMY	0.3725, 0.1333, 0.0549
CMYK	0.34, 0.08, 0.00, 0.05
HSL	195°, 74%, 79%
HSV	195°, 34%, 95%
XYZ	56.2308, 65.5374, 92.9054
YIQ	205.0410, -42.7760, -6.7120

Conversions

Conversions Part 2

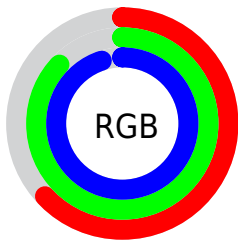
Format	Color
RYB	160, 195, 241
Decimal	10542577
CIELab	84.76, -14.57, -15.97
CIELCh	85, 21.618, 227.631
Yxy	65.5374, 0.2619, 0.3053
Android (android.graphics.Color)	4288732657 (0xFFA0DDF1)
YUV	205.0410, 17.7278, -39.5010
Hunter-Lab	80.9552, -17.6869, -11.3735

Details

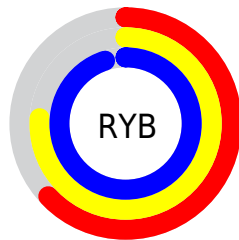
The XYZ color **56.2308, 65.5374, 92.9054** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9429, 53.8819, 40.5528**, and the grayscale version is **57.9663, 60.9851, 66.4128**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **28.2189, 33.7785, 50.9315** is the 20% darker color. If you saturate the color by 10%, you get **50.3293, 60.2056, 92.1884**, and if you desaturate by 10%, it is **63.1259, 71.4672, 93.6877**.

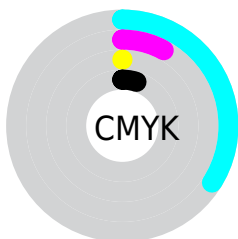
Distribution



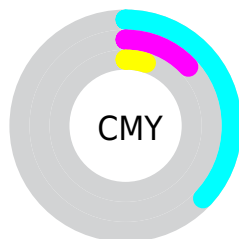
- Red (63%)
- Green (87%)
- Blue (95%)



- Red (63%)
- Yellow (76%)
- Blue (95%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (37%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2308, 65.5374, 92.9054 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 56.2308, 65.5374, 92.9054 by changing the saturation by 10% instead.

56.2308, 65.5374,
92.9054

56.2308, 65.5374,
92.9054

400.6216,
444.7206, 558.2495

40.6257, 47.8970,
69.8057

98.4798, 112.8221,
153.3382

28.2131, 33.7453,
50.8923

125.8544,
143.2352, 191.5083

18.6277, 22.6980,
35.7468

157.8830,
178.6746, 235.5390

11.5039, 14.3707,
23.9505

194.9308,
219.5248, 285.8488

6.4767, 8.3789,
15.0851

237.3632,
266.1701, 342.8562

3.1804, 4.3384,
8.7318

285.5456,

1.2499, 1.8646,

318.9949, 406.9797

4.4723

339.8433,
378.3836, 478.6380

■ 0.1452, 0.5270,
1.8878

■ 0.0000, 0.0000,
0.4850

■ 56.2308, 65.5374,
92.9054

■ 56.2308, 65.5374,
92.9054

■ 50.3293, 60.2056,
92.1884

■ 63.1259, 71.4672,
93.6877

■ 45.3605, 55.4349,
91.5295

■ 71.0589, 78.0139,
94.5332

■ 41.2662, 51.1960,
90.9271

■ 80.0786, 85.2052,
95.4459

■ 37.9787, 47.4530,
90.3779

■ 89.7106, 92.7973,
96.4036

■ 35.4196, 44.1648,
89.8781

■ 91.5378, 96.4517,
97.0127

■ 33.4937, 41.2814,
89.4230

■ 92.8774, 99.1310,
97.4592

■ 32.5035, 39.6032,
89.1513

Harmonies

Analogous

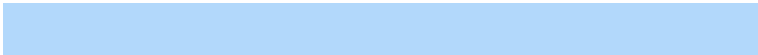
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.8405, 65.5374, 79.7354



56.2308, 65.5374, 92.9054



60.3200, 65.5374, 100.6708

Triad

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



56.2308, 65.5374, 92.9054



71.8259, 65.5374, 77.2190



59.5163, 65.5374, 48.8630

Complementary

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



56.2308, 65.5374, 92.9054



58.9429, 53.8819, 40.5528

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.



64.3052, 65.5374, 48.3729



56.2308, 65.5374, 92.9054



71.5832, 65.5374, 63.5909

Square

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



56.2308, 65.5374, 92.9054



69.4193, 65.5374, 90.8590



68.7724, 65.5374, 53.4316



55.6688, 65.5374, 54.8701

Rectangle

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



56.2308, 65.5374, 92.9054



63.5346, 65.5374, 101.1527



68.7724, 65.5374, 53.4316



61.0644, 65.5374, 48.0784

Sweetspot

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



56.2328, 65.5400, 92.9069



84.3073, 91.5292, 107.8312



54.0804, 73.6361, 53.9591



17.7440, 19.3491, 23.0495



0.0000, 0.0000, 0.0000



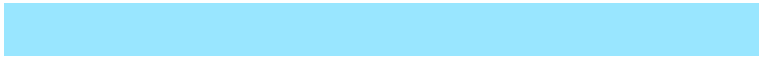
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2328, 65.5400, 92.9069



59.4330, 70.4845, 105.0802



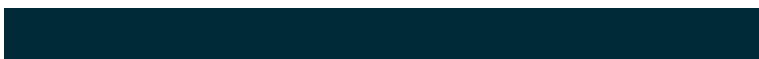
47.0219, 47.1183, 89.8366



15.8976, 17.2293, 20.2093



17.7374, 21.6990, 48.3813



1.5531, 1.9602, 4.0507

Inverse Universe

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



61.8992, 49.0644, 74.6175



66.8886, 49.7454, 80.8052



68.0581, 72.1122, 43.5912



16.2778, 15.9608, 19.0189



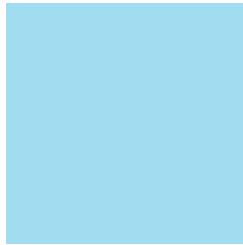
24.2786, 11.9839, 25.1816



2.0589, 1.0126, 2.3009

Previews

White Background



This preview shows how the XYZ color 56.2308, 65.5374, 92.9054 looks on a white background.

Color Contrast Check

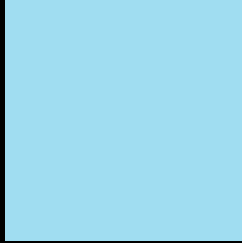
Large Text (above 18pt) WCAG AA × Fail

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 56.2308, 65.5374, 92.9054 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

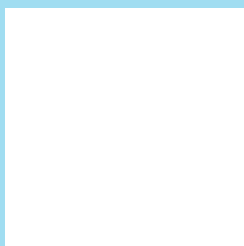
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2308, 65.5374, 92.9054

Background



This preview shows how black text looks on a background with the XYZ color 56.2308, 65.5374, 92.9054.



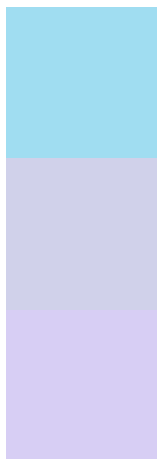
This preview shows how white text looks on a background with the XYZ color 56.2308, 65.5374,

92.9054.

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

56.2308, 65.5374, 92.9054

Protanopia

63.6642, 64.9513, 87.0233

Deuteranopia

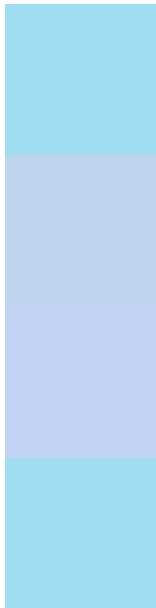
66.4248, 65.1213, 94.6567



Tritanopia

55.9336, 65.4185, 91.3404

Trichromacy



Original Color

56.2308, 65.5374, 92.9054

Protanomaly

60.5662, 64.7793, 89.4322

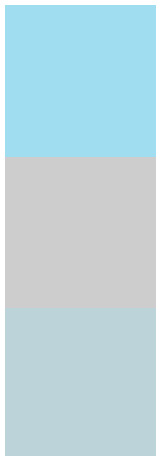
Deuteranomaly

61.9776, 64.6617, 94.0084

Tritanomaly

56.0818, 65.4778, 92.1207

Monochromacy



Original Color

56.2308, 65.5374, 92.9054

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9354, 62.4693, 75.3866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2308, 65.5374, 92.9054 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(160, 221, 241)` looks like.

```
.text, #text, p{  
    color:rgb(160, 221, 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(160, 221, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 221, 241) }
```

Border

The CSS property to change the border of an element to XYZ 56.2308, 65.5374, 92.9054 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(160, 221, 241) }
```


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

```
.border{ border-color:rgb(160, 221, 241) }
```

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

Here you see how a box with a 4 pixel rgb(160, 221, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 221, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 221, 241);  
box-shadow:4px 4px 4px 4px rgb(160, 221,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2308, 65.5374, 92.9054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 221, 241) }
```

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

```
.background{ background-color: rgb(160,  
221, 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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