

Converting Colors

XYZ(56.3367, 65.6263, 91.3592)

Have a look what the booklet for
XYZ(56.3367, 65.6263, 91.3592)
contains.

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Color

**XYZ(56.3367, 65.6263,
91.3592)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DDEF
RGB	162, 221, 239
RGB Percent	64%, 87%, 94%
CMY	0.3647, 0.1333, 0.0627
CMYK	0.32, 0.08, 0.00, 0.06
HSL	194°, 71%, 79%
HSV	194°, 32%, 94%
XYZ	56.3367, 65.6263, 91.3592
YIQ	205.4110, -40.9420, -6.9100

Conversions

Conversions Part 2

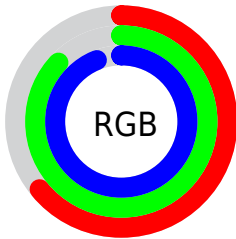
Format	Color
RYB	162, 195, 239
Decimal	10673647
CIELab	84.81, -14.50, -14.83
CIELCh	85, 20.745, 225.651
Yxy	65.6263, 0.2641, 0.3076
Android (android.graphics.Color)	4288863727 (0xFFA2DDEF)
YUV	205.4110, 16.5594, -38.0714
Hunter-Lab	81.0101, -17.6336, -10.1573

Details

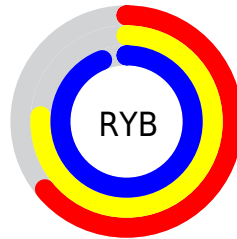
The XYZ color **56.3367, 65.6263, 91.3592** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.4403, 53.6024, 41.4501**, and the grayscale version is **58.2081, 61.2394, 66.6897**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **28.2469, 33.8171, 49.8383** is the 20% darker color. If you saturate the color by 10%, you get **50.4855, 60.4581, 90.6712**, and if you desaturate by 10%, it is **63.1636, 71.3735, 92.1098**.

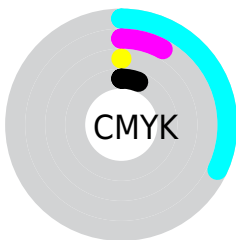
Distribution



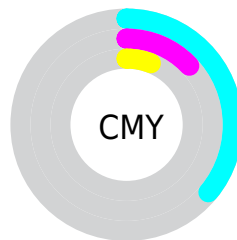
- Red (64%)
- Green (87%)
- Blue (94%)



- Red (64%)
- Yellow (76%)
- Blue (94%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3367, 65.6263, 91.3592 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 56.3367, 65.6263, 91.3592 by changing the saturation by 10% instead.

■ 56.3367, 65.6263,
91.3592

■ 56.3367, 65.6263,
91.3592

401.0136,
445.0392, 553.1262

■ 40.7110, 47.9691,
68.5285

■ 98.6337, 112.9498,
151.1769

■ 28.2800, 33.8024,
49.8584

■ 126.0356,
143.3849, 189.0010

■ 18.6784, 22.7419,
34.9305

158.0937,
178.8481, 232.6599

■ 11.5407, 14.4030,
23.3262

195.1733,
219.7238, 282.5722

■ 6.5017, 8.4015,
14.6270

237.6397,
266.3963, 339.1565

■ 3.1960, 4.3529,
8.4143

285.8584,

■ 1.2583, 1.8729,

319.2502, 402.8312

4.2696

340.1945,
378.6697, 474.0149

■ 0.1516, 0.5320,
1.7744

■ 0.0000, 0.0000,
0.4110

■ 56.3367, 65.6263,
91.3592

■ 56.3367, 65.6263,
91.3592

■ 50.4855, 60.4581,
90.6712

■ 63.1636, 71.3735,
92.1098

■ 45.5511, 55.8332,
90.0385

■ 71.0090, 77.7177,
92.9209

■ 41.4774, 51.7233,
89.4600

■ 79.9203, 84.6856,
93.7961

■ 38.1992, 48.0944,
88.9323

■ 88.9755, 91.8026,
94.6926

■ 35.6417, 44.9070,
88.4518

■ 90.6760, 95.2037,
95.2595

■ 33.7147, 42.1139,
88.0143

■ 92.4279, 98.7075,
95.8434

■ 32.5422, 40.1561,
87.6982

■ 92.5802, 99.0121,
95.8942

Harmonies

Analogous

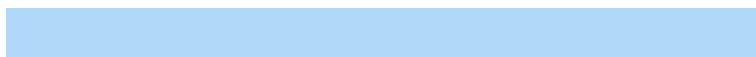
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.1623, 65.6263, 78.5834



56.3367, 65.6263, 91.3592



60.1878, 65.6263, 99.2216

Triad

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



56.3367, 65.6263, 91.3592



71.4379, 65.6263, 77.9864



59.9965, 65.6263, 49.5410

Complementary

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



56.3367, 65.6263, 91.3592



58.4403, 53.6024, 41.4501

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.



64.6163, 65.6263, 49.4231



56.3367, 65.6263, 91.3592



71.3804, 65.6263, 64.7729

Square

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



56.3367, 65.6263, 91.3592



68.9853, 65.6263, 90.8756



68.8318, 65.6263, 54.6760



56.2026, 65.6263, 55.0208

Rectangle

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



56.3367, 65.6263, 91.3592



63.2597, 65.6263, 100.0627



68.8318, 65.6263, 54.6760



61.5002, 65.6263, 48.8980

Sweetspot

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



56.3387, 65.6289, 91.3607



84.4108, 91.7363, 107.8657



54.0030, 72.7096, 54.3518



17.7691, 19.3995, 23.0579



0.0000, 0.0000, 0.0000



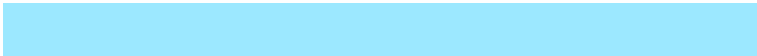
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3387, 65.6289, 91.3607



60.4611, 71.8185, 105.2835



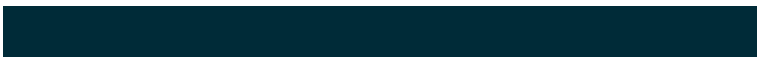
47.3191, 47.5897, 88.3542



15.9160, 17.2660, 20.2154



18.0885, 22.4013, 48.4984



1.5797, 2.0133, 4.0596

Inverse Universe

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



61.5697, 49.4134, 74.7022



67.5838, 50.6985, 82.3853



67.3120, 71.3459, 44.4073



16.2870, 15.9645, 19.0677



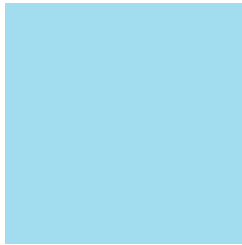
24.4559, 12.0548, 26.1149



2.0723, 1.0180, 2.3716

Previews

White Background



This preview shows how the XYZ color 56.3367, 65.6263, 91.3592 looks on a white background.

Color Contrast Check

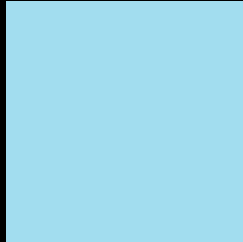
Large Text (above 18pt) WCAG AA × Fail

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 56.3367, 65.6263, 91.3592 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 56.3367, 65.6263, 91.3592

Background



This preview shows how black text looks on a background with the XYZ color 56.3367, 65.6263, 91.3592.



This preview shows how white text looks on a background with the XYZ color 56.3367, 65.6263,

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

56.3367, 65.6263, 91.3592

Protanopia

63.9066, 65.4747, 85.6136

Deuteranopia

66.7136, 65.3051, 93.0934



Tritanopia

56.3367, 65.6263, 91.3592

Trichromacy



Original Color

56.3367, 65.6263, 91.3592

Protanomaly

60.7802, 65.2978, 87.9975

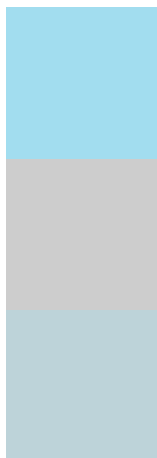
Deuteranomaly

62.1974, 64.8097, 92.4505

Tritanomaly

56.3367, 65.6263, 91.3592

Monochromacy



Original Color

56.3367, 65.6263, 91.3592

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.8049, 62.4171, 74.6994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3367, 65.6263, 91.3592 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(162, 221, 239)` looks like.

```
.text, #text, p{  
    color:rgb(162, 221, 239)  
}
```

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(162, 221, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 221, 239) }
```

Border

The CSS property to change the border of an element to XYZ 56.3367, 65.6263, 91.3592 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(162, 221, 239) }
```


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

```
.border{ border-color:rgb(162, 221, 239) }
```

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

Here you see how a box with a 4 pixel rgb(162, 221, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 221, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 221, 239);  
box-shadow:4px 4px 4px 4px rgb(162, 221,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3367, 65.6263, 91.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 221, 239) }
```

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

```
.background{ background-color: rgb(162,  
221, 239) }
```

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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