

Converting Colors

XYZ(56.1075, 63.1704, 92.6244)

Have a look what the booklet for
XYZ(56.1075, 63.1704, 92.6244)
contains.

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Color

**XYZ(56.1140, 63.1672,
92.4541)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D7F1
RGB	167, 215, 241
RGB Percent	65%, 84%, 95%
CMY	0.3451, 0.1568, 0.0549
CMYK	0.31, 0.11, 0.00, 0.05
HSL	201°, 73%, 80%
HSV	201°, 31%, 95%
XYZ	56.1140, 63.1672, 92.4541
YIQ	203.6120, -36.9540, -2.0900

Conversions

Conversions Part 2

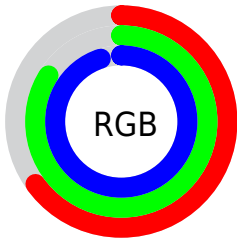
Format	Color
R _Y B	167, 196, 241
Decimal	10999793
CIE Lab	83.53, -9.56, -17.78
CIE LCh	84, 20.190, 241.741
Yxy	63.1672, 0.2650, 0.2983
Android (android.graphics.Color)	4289189873 (0xFFA7D7F1)
YUV	203.6120, 18.4323, -32.1087
Hunter-Lab	79.4778, -13.0591, -13.3358

Details

The XYZ color **56.1140, 63.1672, 92.4541** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.3217, 59.6316, 44.7863**, and the grayscale version is **57.0554, 60.0268, 65.3692**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **28.1378, 32.1551, 50.6225** is the 20% darker color. If you saturate the color by 10%, you get **49.3892, 56.5835, 91.5388**, and if you desaturate by 10%, it is **63.9030, 70.4682, 93.4539**.

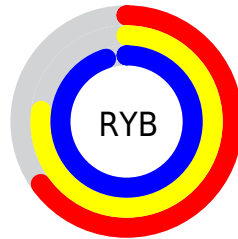
Distribution



Red (65%)

Green (84%)

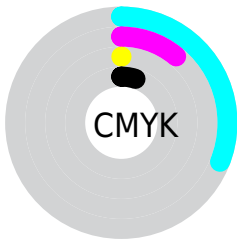
Blue (95%)



Red (65%)

Yellow (77%)

Blue (95%)

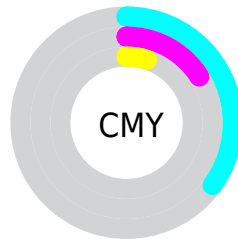


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1140, 63.1672, 92.4541 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 56.1140, 63.1672, 92.4541 by changing the saturation by 10% instead.

■ 56.1140, 63.1672,
92.4541

■ 56.1140, 63.1672,
92.4541

400.1890,
436.1760, 556.7568

■ 40.5317, 45.9765,
69.4327

■ 98.3101, 109.4107,
152.7078

■ 28.1394, 32.2273,
50.5903

■ 125.6546,
139.2323, 190.7771

■ 18.5718, 21.5351,
35.5082

157.6505,
174.0329, 234.6996

■ 11.4634, 13.5157,
23.7679

194.6632,
214.1970, 284.8936

■ 6.4490, 7.7846,
14.9509

237.0580,
260.1090, 341.7778

■ 3.1632, 3.9575,
8.6387

285.2004,

■ 1.2407, 1.6498,

312.1532, 405.7707

4.4127

339.4556,
370.7141, 477.2909

■ 0.1381, 0.3908,
1.8544

■ 0.0000, 0.0000,
0.4635

■ 56.1140, 63.1672,
92.4541

■ 56.1140, 63.1672,
92.4541

■ 49.3892, 56.5835,
91.5388

■ 63.9030, 70.4682,
93.4539

■ 43.6682, 50.6791,
90.7007

■ 72.8008, 78.5073,
94.5366

■ 38.8935, 45.4230,
89.9378

■ 82.8562, 87.3136,
95.7064

■ 34.9984, 40.7785,
89.2466

■ 90.9536, 95.2833,
96.8180

■ 31.9070, 36.7037,
88.6231

■ 92.8774, 99.1310,
97.4592

■ 29.5288, 33.1493,
88.0623

■ 27.8215, 30.2391,
87.5906

Harmonies

Analogous

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



53.1144, 63.1672, 82.3567



56.1140, 63.1672, 92.4541



60.2965, 63.1672, 96.0091

Triad

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



56.1140, 63.1672, 92.4541



68.9161, 63.1672, 68.0433



55.6886, 63.1672, 50.1297

Complementary

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



56.1140, 63.1672, 92.4541



62.3217, 59.6316, 44.7863

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.



59.7813, 63.1672, 47.2548



56.1140, 63.1672, 92.4541



67.5397, 63.1672, 56.7810

Square

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



56.1140, 63.1672, 92.4541



67.8187, 63.1672, 80.9242



64.1419, 63.1672, 49.5346



52.8774, 63.1672, 57.9130

Rectangle

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



56.1140, 63.1672, 92.4541



63.2335, 63.1672, 93.8821



64.1419, 63.1672, 49.5346



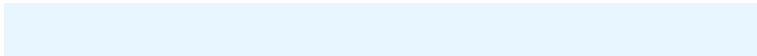
56.9530, 63.1672, 48.6033

Sweetspot

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



56.1159, 63.1697, 92.4556



84.5865, 90.8672, 107.6887



57.0076, 74.9732, 61.8619



17.7648, 19.1478, 23.0095



0.0000, 0.0000, 0.0000



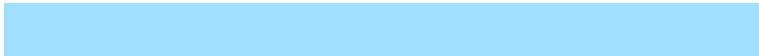
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1159, 63.1697, 92.4556



58.7595, 66.9248, 104.4286



47.7555, 46.4488, 89.6687



15.7529, 16.9399, 20.1611



15.2181, 16.6605, 47.5416



1.3590, 1.5720, 3.9860

Inverse Universe

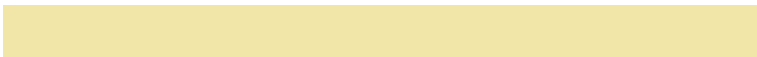
The Inverse Universe completely reimagines the original color for something new.



62.3617, 51.2463, 70.8973



67.0888, 51.8936, 75.4839



71.5210, 78.0301, 47.8527



16.2047, 15.9316, 18.6342



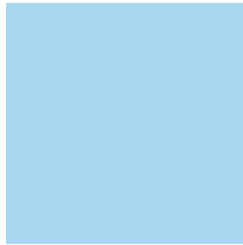
23.0070, 11.4752, 18.4854



1.9609, 0.9734, 1.7850

Previews

White Background



This preview shows how the XYZ color 56.1140, 63.1672, 92.4541 looks on a white background.

Color Contrast Check

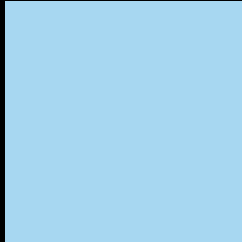
Large Text (above 18pt) WCAG AA × Fail

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 56.1140, 63.1672, 92.4541 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 56.1140, 63.1672, 92.4541

Background



This preview shows how black text looks on a background with the XYZ color 56.1140, 63.1672, 92.4541.



This preview shows how white text looks on a background with the XYZ color 56.1140, 63.1672,

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

56.1140, 63.1672, 92.4541

Protanopia

61.6953, 62.8373, 87.4744

Deuteranopia

64.2634, 62.9452, 94.3505



Tritanopia

54.9242, 63.0516, 87.1173

Trichromacy



Original Color

56.1140, 63.1672, 92.4541

Protanomaly

59.3217, 62.6625, 89.0892

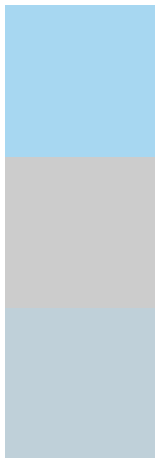
Deuteranomaly

60.7386, 62.5660, 93.6692

Tritanomaly

55.5678, 63.3331, 89.4165

Monochromacy



Original Color

56.1140, 63.1672, 92.4541

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.5661, 61.1979, 74.4767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1140, 63.1672, 92.4541 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(167, 215, 241)` looks like.

```
.text, #text, p{  
    color:rgb(167, 215, 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(167, 215, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 215, 241) }
```

Border

The CSS property to change the border of an element to XYZ 56.1140, 63.1672, 92.4541 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(167, 215, 241) }
```


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

```
.border{ border-color:rgb(167, 215, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 215, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 215, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 215, 241); box-shadow:4px 4px 4px 4px rgb(167, 215, 241) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1140, 63.1672, 92.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 215, 241) }
```

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

```
.background{ background-color: rgb(167,  
215, 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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