

Converting Colors

XYZ(56.2043, 63.2652, 91.6263)

Have a look what the booklet for
XYZ(56.2043, 63.2652, 91.6263)
contains.

XYZ(56.1771, 63.2170, 91.6793)	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(56.1771, 63.2170,
91.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D7F0
RGB	168, 215, 240
RGB Percent	66%, 84%, 94%
CMY	0.3412, 0.1568, 0.0588
CMYK	0.30, 0.10, 0.00, 0.06
HSL	201°, 71%, 80%
HSV	201°, 30%, 94%
XYZ	56.1771, 63.2170, 91.6793
YIQ	203.7970, -36.0370, -2.1890

Conversions

Conversions Part 2

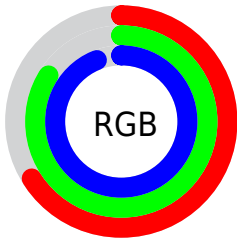
Format	Color
RYB	168, 196, 240
Decimal	11065328
CIELab	83.56, -9.51, -17.21
CIELCh	84, 19.663, 241.061
Yxy	63.2170, 0.2661, 0.2995
Android (android.graphics.Color)	4289255408 (0xFFA8D7F0)
YUV	203.7970, 17.8481, -31.3940
Hunter-Lab	79.5091, -13.0219, -12.7089

Details

The XYZ color **56.1771, 63.2170, 91.6793** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.0740, 59.4930, 45.2591**, and the grayscale version is **57.1752, 60.1527, 65.5063**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **28.1620, 32.1797, 50.0744** is the 20% darker color. If you saturate the color by 10%, you get **49.4638, 56.6875, 90.7739**, and if you desaturate by 10%, it is **63.9453, 70.4538, 92.6678**.

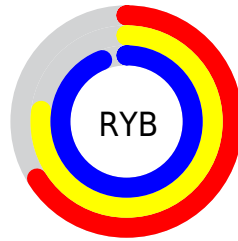
Distribution



Red (66%)

Green (84%)

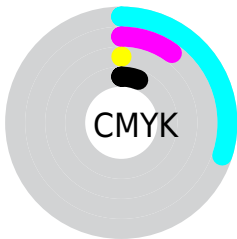
Blue (94%)



Red (66%)

Yellow (77%)

Blue (94%)

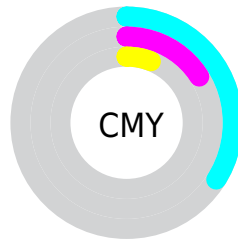


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1771, 63.2170, 91.6793 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 56.1771, 63.2170, 91.6793 by changing the saturation by 10% instead.

■ 56.1771, 63.2170,
91.6793

■ 56.1771, 63.2170,
91.6793

400.4228,
436.3566, 554.1890

■ 40.5825, 46.0168,
68.7927

■ 98.4018, 109.4825,
151.6247

■ 28.1792, 32.2591,
50.0722

125.7626,
139.3166, 189.5206

■ 18.6019, 21.5595,
35.0992

157.7761,
174.1308, 233.2567

■ 11.4853, 13.5336,
23.4551

194.8078,
214.3094, 283.2515

■ 6.4639, 7.7970,
14.7215

237.2229,
260.2369, 339.9236

■ 3.1725, 3.9653,
8.4797

285.3869,

■ 1.2456, 1.6542,

312.2977, 403.6915

4.3113

339.6651,
370.8761, 474.9738

■ 0.1419, 0.3937,
1.7976

■ 0.0000, 0.0000,
0.4264

■ 56.1771, 63.2170,
91.6793

■ 56.1771, 63.2170,
91.6793

■ 49.4638, 56.6875,
90.7739

■ 63.9453, 70.4538,
92.6678

■ 43.7461, 50.8278,
89.9442

■ 72.8120, 78.4182,
93.7377

■ 38.9673, 45.6078,
89.1885

■ 82.8256, 87.1388,
94.8932

■ 35.0622, 40.9914,
88.5033

■ 90.6388, 94.8923,
95.9780

■ 31.9564, 36.9377,
87.8845

■ 92.7284, 99.0714,
96.6745

■ 29.5617, 33.3986,
87.3276

■ 27.7305, 30.2955,
86.8252

■ 27.7303, 30.2952,
86.8251

Harmonies

Analogous

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



53.2844, 63.2170, 81.7734



56.1771, 63.2170, 91.6793



60.2390, 63.2170, 95.2965

Triad

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



56.1771, 63.2170, 91.6793



68.7284, 63.2170, 68.3953



55.9241, 63.2170, 50.4922

Complementary

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



56.1771, 63.2170, 91.6793



62.0740, 59.4930, 45.2591

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.



59.9330, 63.2170, 47.7865



56.1771, 63.2170, 91.6793



67.4428, 63.2170, 57.3345

Square

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



56.1771, 63.2170, 91.6793



67.6081, 63.2170, 80.9251



64.1719, 63.2170, 50.1367



53.1433, 63.2170, 58.0090

Rectangle

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



56.1771, 63.2170, 91.6793



63.1033, 63.2170, 93.3519



64.1719, 63.2170, 50.1367



57.1661, 63.2170, 49.0331

Sweetspot

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



56.1790, 63.2195, 91.6808



84.6155, 90.9252, 107.6983



56.8244, 74.4521, 61.2465



17.7720, 19.1621, 23.0119



0.0000, 0.0000, 0.0000



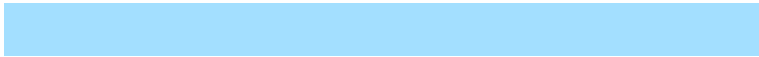
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1790, 63.2195, 91.6808



59.6170, 67.8712, 104.5660



48.1995, 47.2603, 89.0209



15.7586, 16.9513, 20.1630



15.3089, 16.8420, 47.5718



1.3661, 1.5863, 3.9884

Inverse Universe

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



62.2052, 51.4386, 70.9428



67.7092, 52.8601, 76.5366



70.7477, 76.8405, 48.1504



16.2076, 15.9327, 18.6494



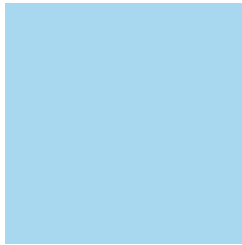
23.0528, 11.4936, 18.7267



1.9645, 0.9748, 1.8040

Previews

White Background



This preview shows how the XYZ color 56.1771, 63.2170, 91.6793 looks on a white background.

Color Contrast Check

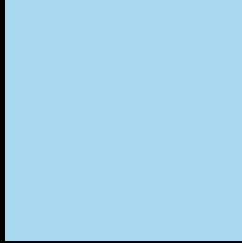
Large Text (above 18pt) WCAG AA × Fail

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 56.1771, 63.2170, 91.6793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

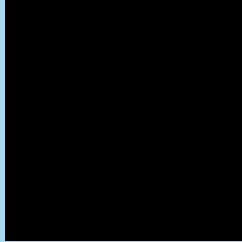
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1771, 63.2170, 91.6793

Background



This preview shows how black text looks on a background with the XYZ color 56.1771, 63.2170, 91.6793.



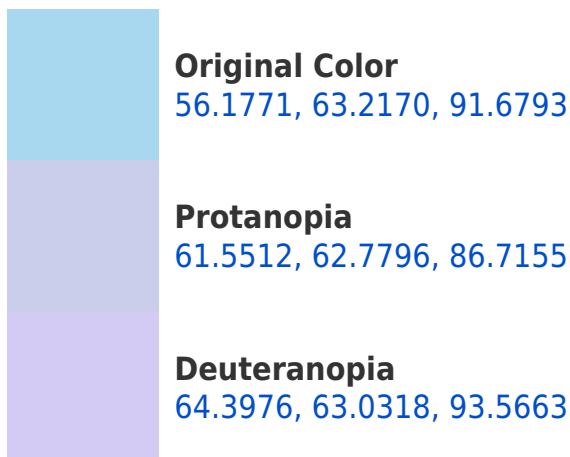
This preview shows how white text looks on a background with the XYZ color 56.1771, 63.2170,

91.6793.

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

55.2002, 63.2104, 86.3823

Trichromacy



Original Color

56.1771, 63.2170, 91.6793

Protanomaly

59.1760, 62.6042, 88.3218

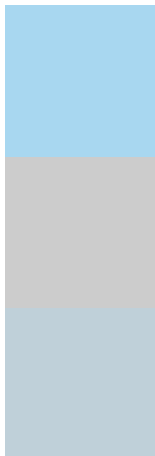
Deuteranomaly

60.8455, 62.6386, 92.8879

Tritanomaly

55.6325, 63.3834, 88.6589

Monochromacy



Original Color

56.1771, 63.2170, 91.6793

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 56.1771, 63.2170, 91.6793 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(168, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 215, 240)  
}
```

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(168, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 215, 240) }
```

Border

The CSS property to change the border of an element to XYZ 56.1771, 63.2170, 91.6793 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(168, 215, 240) }
```


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

```
.border{ border-color:rgb(168, 215, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 215, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 215,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1771, 63.2170, 91.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 215, 240) }
```

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

```
.background{ background-color: rgb(168,  
215, 240) }
```

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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