

Converting Colors

XYZ(73.7570, 65.3865,
191.9323)

Have a look what the booklet for
XYZ(73.7570, 65.3865, 191.9323)
contains.

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Color

**XYZ(56.8497, 58.5750,
102.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCAFF
RGB	175, 202, 255
RGB Percent	69%, 79%, 100%
CMY	0.3137, 0.2078, 0.0000
CMYK	0.31, 0.21, 0.00, 0.00
HSL	220°, 100%, 84%
HSV	220°, 31%, 100%
XYZ	56.8497, 58.5750, 102.9175
YIQ	199.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

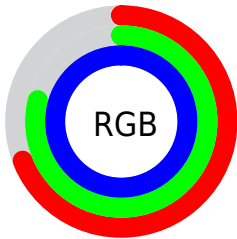
Format	Color
RYB	175, 195, 255
Decimal	11520767
CIELab	81.06, 2.92, -28.94
CIELCh	81, 29.086, 275.772
Yxy	58.5750, 0.2604, 0.2683
Android (android.graphics.Color)	4289710847 (0xFFAFCAFF)
YUV	199.9690, 27.1303, -21.8978
Hunter-Lab	76.5343, -1.3452, -26.1547

Details

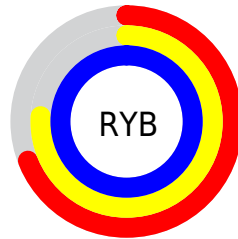
The XYZ color **56.8497, 58.5750, 102.9175** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.7215, 79.8419, 51.9266**, and the grayscale version is **54.7350, 57.5855, 62.7106**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.5287, 29.2501, 57.5683** is the 20% darker color. If you saturate the color by 10%, you get **47.9086, 48.4012, 101.4251**, and if you desaturate by 10%, it is **67.3088, 70.1782, 104.6059**.

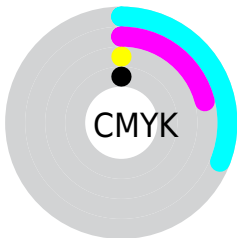
Distribution



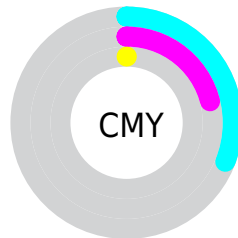
- Red (69%)
- Green (79%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8497, 58.5750, 102.9175 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 56.8497, 58.5750, 102.9175 by changing the saturation by 10% instead.

■ 56.8497, 58.5750,
102.9175

■ 56.8497, 58.5750,
102.9175

402.9092,
419.3251, 590.8329

■ 41.1243, 42.2711,
78.1089

■ 99.3785, 102.7597,
167.2475

■ 28.6043, 29.3136,
57.6464

126.9125,
131.4093, 207.6059

■ 18.9244, 19.3182,
41.1117

159.1134,
164.9429, 253.9847

■ 11.7194, 11.9004,
28.0860

196.3466,
203.7450, 306.8024

■ 6.6237, 6.6759,
18.1509

238.9775,
248.1998, 366.4775

■ 3.2721, 3.2603,
10.8878

287.3713,

■ 1.2993, 1.2691,

298.6918, 433.4286

5.8782

341.8934,
355.6055, 508.0742

■ 0.1827, 0.1171,
2.7036

■ 0.0000, 0.0000,
0.9452

■ 56.8497, 58.5750,
102.9175

■ 56.8497, 58.5750,
102.9175

■ 47.9086, 48.4012,
101.4251

■ 67.3088, 70.1782,
104.6059

■ 40.4055, 39.5909,
100.1200

■ 79.3503, 83.2596,
106.4962

■ 34.2603, 32.0824,
98.9946

■ 93.0408, 97.8739,
108.5955

■ 29.3827, 25.8061,
98.0402

■ 95.0500, 100.0000,
108.9000

■ 25.6697, 20.6845,
97.2473

■ 23.0002, 16.6290,
96.6052

■ 21.3832, 13.8863,
96.1611

Harmonies

Analogous

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



51.0431, 58.5750, 99.1659



56.8497, 58.5750, 102.9175



62.7413, 58.5750, 94.7448

Triad

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



56.8497, 58.5750, 102.9175



65.6368, 58.5750, 46.2464



45.7417, 58.5750, 51.0810

Complementary

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



56.8497, 58.5750, 102.9175



76.7215, 79.8419, 51.9266

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.



49.1580, 58.5750, 40.4220



56.8497, 58.5750, 102.9175



60.5764, 58.5750, 38.0043

Square

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



56.8497, 58.5750, 102.9175



68.0446, 58.5750, 60.4920



54.5142, 58.5750, 36.0826



44.9013, 58.5750, 67.1813

Rectangle

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



56.8497, 58.5750, 102.9175



65.8371, 58.5750, 84.3731



54.5142, 58.5750, 36.0826



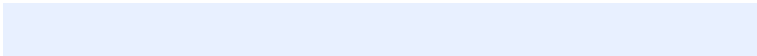
46.6142, 58.5750, 46.8411

Sweetspot

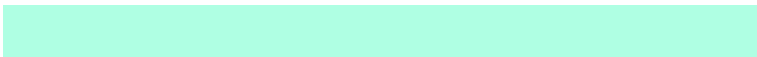
The Sweet Spot groups the original color and five complimentary colors.



56.8514, 58.5772, 102.9179



82.4450, 86.5843, 106.9749



67.3053, 86.1805, 85.7611



17.2378, 18.0938, 22.8339



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.



56.8514, 58.5772, 102.9179



50.7586, 51.6761, 101.9070



53.8749, 48.4465, 101.1193



17.5040, 18.3796, 22.8750



11.2961, 7.5018, 50.2872



1.1961, 0.9228, 4.9284

Inverse Universe

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



67.2318, 56.1858, 63.1809



62.8665, 49.5009, 55.4193



80.4605, 93.6701, 54.3987



18.2623, 18.0882, 19.9984



22.4899, 11.4853, 5.9645



2.2383, 1.1377, 0.8365

Previews

White Background



This preview shows how the XYZ color 56.8497, 58.5750, 102.9175 looks on a white background.

Color Contrast Check

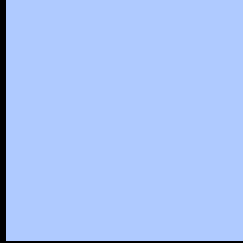
Large Text (above 18pt) WCAG AA × Fail

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 56.8497, 58.5750, 102.9175 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 56.8497, 58.5750, 102.9175

Background



This preview shows how black text looks on a background with the XYZ color 56.8497, 58.5750, 102.9175.



This preview shows how white text looks on a background with the XYZ color 56.8497, 58.5750,

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

56.8497, 58.5750, 102.9175

Protanopia

58.8921, 58.6301, 101.1413

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

52.1589, 58.8184, 79.1250

Trichromacy



Original Color

56.8497, 58.5750, 102.9175

Protanomaly

58.0721, 58.5316, 102.0029

Deuteranomaly

58.7231, 58.5060, 102.8055

Tritanomaly

53.8613, 58.7987, 87.1078

Monochromacy



Original Color

56.8497, 58.5750, 102.9175

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2908, 58.0170, 75.9944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8497, 58.5750, 102.9175 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(175, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 255)  
}
```

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(175, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.8497, 58.5750, 102.9175 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(175, 202, 255) }
```


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

```
.border{ border-color:rgb(175, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8497, 58.5750, 102.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 255) }
```

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

```
.background{ background-color: rgb(175,  
202, 255) }
```

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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