

Converting Colors

XYZ(56.6335, 61.7508, 95.0075)

Have a look what the booklet for
XYZ(56.6335, 61.7508, 95.0075)
contains.

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Color

**XYZ(56.7890, 61.9518,
95.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD3F5
RGB	172, 211, 245
RGB Percent	67%, 83%, 96%
CMY	0.3255, 0.1725, 0.0392
CMYK	0.30, 0.14, 0.00, 0.04
HSL	208°, 78%, 82%
HSV	208°, 30%, 96%
XYZ	56.7890, 61.9518, 95.3510
YIQ	203.2150, -34.1580, 2.3060

Conversions

Conversions Part 2

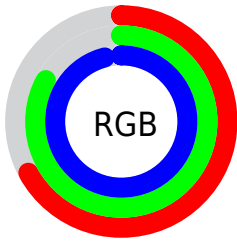
Format	Color
R _Y B	172, 197, 245
Decimal	11326453
CIE Lab	82.89, -5.11, -20.85
CIE LCh	83, 21.468, 256.217
Yxy	61.9518, 0.2653, 0.2894
Android (android.graphics.Color)	4289516533 (0xFFACD3F5)
YUV	203.2150, 20.6000, -27.3756
Hunter-Lab	78.7095, -8.9535, -16.7291

Details

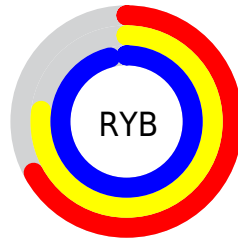
The XYZ color **56.7890, 61.9518, 95.3510** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.1749, 66.5344, 48.3334**, and the grayscale version is **56.7914, 59.7490, 65.0666**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **28.7135, 31.6396, 52.7378** is the 20% darker color. If you saturate the color by 10%, you get **49.1650, 53.9629, 94.2119**, and if you desaturate by 10%, it is **65.6093, 70.8591, 96.6065**.

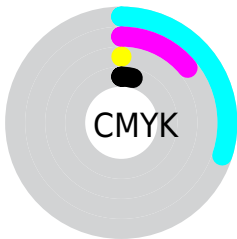
Distribution



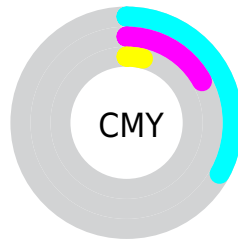
- Red (67%)
- Green (83%)
- Blue (96%)



- Red (67%)
- Yellow (77%)
- Blue (96%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7890, 61.9518, 95.3510 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 56.7890, 61.9518, 95.3510 by changing the saturation by 10% instead.

■ 56.7890, 61.9518,
95.3510

■ 56.7890, 61.9518,
95.3510

402.6852,
431.7553, 566.3011

■ 41.0753, 44.9938,
71.8286

■ 99.2904, 107.6559,
156.7492

■ 28.5659, 31.4525,
52.5327

126.8088,
137.1707, 195.4621

■ 18.8953, 20.9437,
37.0447

158.9929,
171.6399, 240.0756

■ 11.6982, 13.0828,
24.9461

196.2079,
211.4478, 291.0083

■ 6.6093, 7.4856,
15.8182

238.8193,
256.9789, 348.6786

■ 3.2631, 3.7676,
9.2426

287.1924,

■ 1.2944, 1.5444,

308.6176, 413.5051

4.8008

341.6926,
366.7483, 485.9065

■ 0.1790, 0.3197,
2.0742

■ 0.0000, 0.0000,
0.6003

■ 56.7890, 61.9518,
95.3510

■ 56.7890, 61.9518,
95.3510

■ 49.1650, 53.9629,
94.2119

■ 65.6093, 70.8591,
96.6065

■ 42.6729, 46.8486,
93.1808

■ 75.6746, 80.7114,
97.9776

■ 37.2504, 40.5720,
92.2551

■ 87.0375, 91.5432,
99.4695

■ 32.8265, 35.0898,
91.4301

■ 93.4816, 99.3727,
100.6411

■ 29.3203, 30.3535,
90.7007

■ 26.6364, 26.3069,
90.0611

■ 24.6218, 22.8637,
89.5027

■ 24.5841, 22.7976,
89.4919

Harmonies

Analogous

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



52.9393, 61.9518, 87.5737



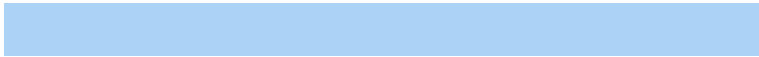
56.7890, 61.9518, 95.3510



61.4031, 61.9518, 94.9986

Triad

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



56.7890, 61.9518, 95.3510



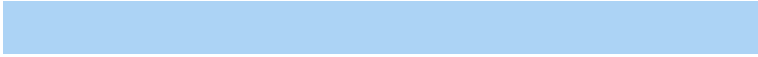
67.8461, 61.9518, 60.5863



52.6908, 61.9518, 51.3159

Complementary

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



56.7890, 61.9518, 95.3510



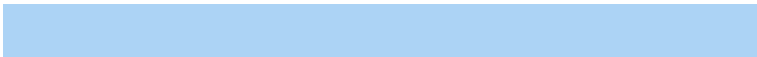
67.1749, 66.5344, 48.3334

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.



56.4334, 61.9518, 45.8274



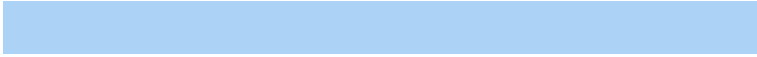
56.7890, 61.9518, 95.3510



65.2564, 61.9518, 50.6807

Square

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



56.7890, 61.9518, 95.3510



67.9536, 61.9518, 73.7095



61.0285, 61.9518, 45.6113



50.6583, 61.9518, 61.5647

Rectangle

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



56.7890, 61.9518, 95.3510



64.2980, 61.9518, 90.1710



61.0285, 61.9518, 45.6113



53.7815, 61.9518, 48.9155

Sweetspot

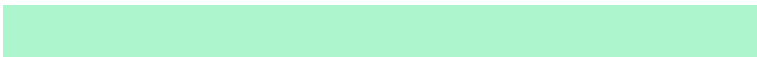
The Sweet Spot groups the original color and five complimentary colors.



56.7909, 61.9543, 95.3524



83.7894, 89.2732, 107.4230



60.6685, 78.4773, 69.6144



17.5683, 18.7547, 22.9440



0.0000, 0.0000, 0.0000



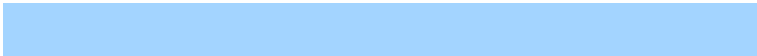
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7909, 61.9543, 95.3524



56.8003, 62.2377, 103.6271



48.9531, 46.2786, 92.7398



16.3144, 17.3930, 21.0399



13.3839, 12.5616, 48.2572



1.2791, 1.3097, 4.2756

Inverse Universe

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



64.1682, 53.6224, 68.5988



66.2875, 52.2914, 69.0497



76.6628, 85.5103, 51.4961



16.8692, 16.6306, 19.0580



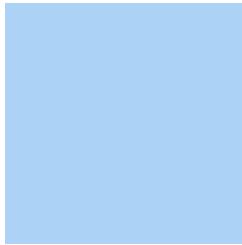
22.5601, 11.3675, 12.9237



2.0347, 1.0199, 1.4092

Previews

White Background



This preview shows how the XYZ color 56.7890, 61.9518, 95.3510 looks on a white background.

Color Contrast Check

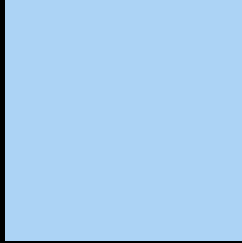
Large Text (above 18pt) WCAG AA × Fail

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 56.7890, 61.9518, 95.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

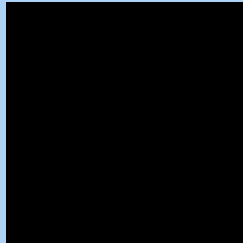
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

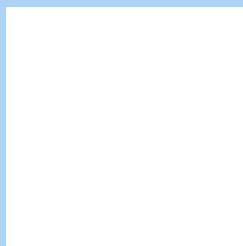
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7890, 61.9518, 95.3510

Background



This preview shows how black text looks on a background with the XYZ color 56.7890, 61.9518, 95.3510.



This preview shows how white text looks on a background with the XYZ color 56.7890, 61.9518,

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

56.7890, 61.9518, 95.3510

Protanopia

60.8742, 61.6191, 91.1233

Deuteranopia

63.1287, 61.6105, 96.5605



Tritanopia

54.5802, 61.7930, 84.6519

Trichromacy



Original Color

56.7890, 61.9518, 95.3510

Protanomaly

59.3261, 61.8553, 92.8168

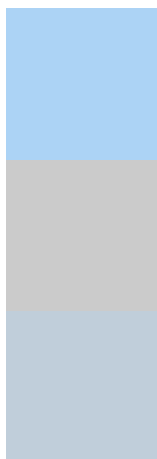
Deuteranomaly

60.7140, 61.7858, 95.9147

Tritanomaly

55.2614, 61.6891, 88.3515

Monochromacy



Original Color

56.7890, 61.9518, 95.3510

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4644, 60.4110, 75.0142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7890, 61.9518, 95.3510 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(172, 211, 245)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 245)  
}
```

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(172, 211, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 245) }
```

Border

The CSS property to change the border of an element to XYZ 56.7890, 61.9518, 95.3510 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(172, 211, 245) }
```


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

```
.border{ border-color:rgb(172, 211, 245) }
```

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

Here you see how a box with a 4 pixel rgb(172, 211, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7890, 61.9518, 95.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 245) }
```

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

```
.background{ background-color: rgb(172,  
211, 245) }
```

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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