

Converting Colors

XYZ(55.9747, 60.3825, 92.5532)

Have a look what the booklet for
XYZ(55.9747, 60.3825, 92.5532)
contains.

XYZ(56.0384, 60.5212, 92.7326)	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(56.0384, 60.5212,
92.7326)**

Conversions

Conversions Part 1

Format	Color
Hex	AED0F2
RGB	174, 208, 242
RGB Percent	68%, 82%, 95%
CMY	0.3176, 0.1843, 0.0510
CMYK	0.28, 0.14, 0.00, 0.05
HSL	210°, 72%, 82%
HSV	210°, 28%, 95%
XYZ	56.0384, 60.5212, 92.7326
YIQ	201.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

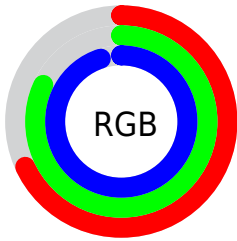
Format	Color
R_{YB}	174, 197, 242
Decimal	11456754
CIE _{Lab}	82.12, -3.67, -20.40
CIE _{LCh}	82, 20.732, 259.799
Yxy	60.5212, 0.2678, 0.2892
Android (android.graphics.Color)	4289646834 (0xFFAED0F2)
YUV	201.7100, 19.8630, -24.3017
Hunter-Lab	77.7954, -7.5629, -16.2173

Details

The XYZ color **56.0384, 60.5212, 92.7326** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.8146, 67.0454, 49.4655**, and the grayscale version is **55.8540, 58.7627, 63.9926**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.1643, 30.6494, 50.8859** is the 20% darker color. If you saturate the color by 10%, you get **48.2871, 52.3131, 91.5578**, and if you desaturate by 10%, it is **64.9898, 69.6850, 94.0306**.

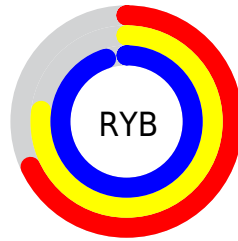
Distribution



Red (68%)

Green (82%)

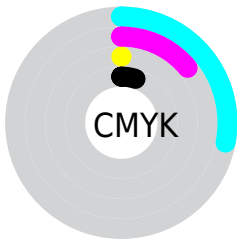
Blue (95%)



Red (68%)

Yellow (77%)

Blue (95%)

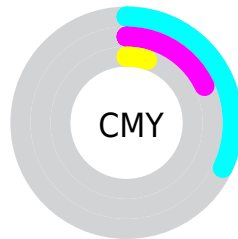


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0384, 60.5212, 92.7326 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 56.0384, 60.5212, 92.7326 by changing the saturation by 10% instead.

■ 56.0384, 60.5212,
92.7326

■ 56.0384, 60.5212,
92.7326

399.9089,
426.5162, 557.6782

■ 40.4708, 43.8389,
69.6628

■ 98.2002, 105.5854,
153.0969

■ 28.0917, 30.5439,
50.7766

125.5252,
134.7360, 191.2284

■ 18.5356, 20.2518,
35.6554

157.4999,
168.8115, 235.2177

■ 11.4372, 12.5782,
23.8806

194.4899,
208.1963, 285.4832

■ 6.4312, 7.1387,
15.0337

236.8604,
253.2748, 342.4434

■ 3.1521, 3.5490,
8.6961

284.9769,

■ 1.2347, 1.4246,

304.4313, 406.5170

4.4494

339.2046,
362.0504, 478.1224

■ 0.1335, 0.2348,
1.8750

■ 0.0000, 0.0000,
0.4768

■ 56.0384, 60.5212,
92.7326

■ 56.0384, 60.5212,
92.7326

■ 48.2871, 52.3131,
91.5578

■ 64.9898, 69.6850,
94.0306

■ 41.6730, 45.0165,
90.4981

■ 75.1888, 79.8317,
95.4516

■ 36.1358, 38.5941,
89.5502

■ 86.6869, 90.9964,
97.0006

■ 31.6068, 33.0025,
88.7097

■ 93.0272, 99.1909,
98.2481

■ 28.0083, 28.1933,
87.9711

■ 25.2493, 24.1112,
87.3285

■ 23.2061, 20.6831,
86.7746

■ 22.8655, 20.0874,
86.6775

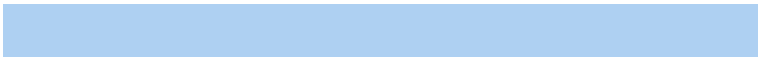
Harmonies

Analogous

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



52.2343, 60.5212, 86.1874



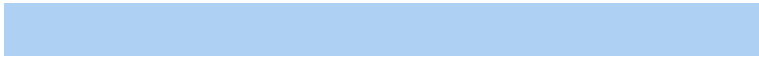
56.0384, 60.5212, 92.7326



60.4368, 60.5212, 91.4213

Triad

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



56.0384, 60.5212, 92.7326



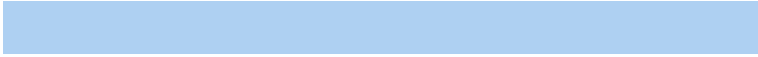
65.8556, 60.5212, 58.0271



51.3014, 60.5212, 51.4640

Complementary

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



56.0384, 60.5212, 92.7326



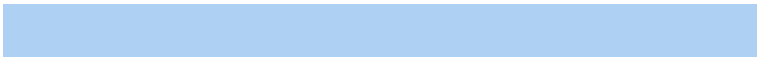
66.8146, 67.0454, 49.4655

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.



54.7055, 60.5212, 45.6299



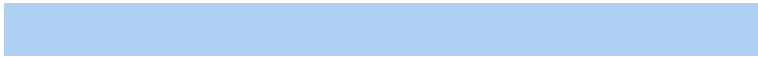
56.0384, 60.5212, 92.7326



63.1584, 60.5212, 49.0712

Square

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



56.0384, 60.5212, 92.7326



66.2573, 60.5212, 70.2817



59.0348, 60.5212, 44.8137



49.5932, 60.5212, 61.6991

Rectangle

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



56.0384, 60.5212, 92.7326



63.1100, 60.5212, 86.3181



59.0348, 60.5212, 44.8137



52.2769, 60.5212, 48.9815

Sweetspot

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



56.0403, 60.5236, 92.7340



84.7711, 89.9984, 107.5112



60.4552, 77.0026, 70.6241



17.7535, 18.8785, 22.9582



0.0000, 0.0000, 0.0000



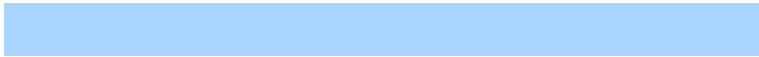
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0403, 60.5236, 92.7340



57.7191, 62.4912, 103.6276



48.8399, 46.1229, 90.3339



15.5503, 16.5347, 20.0935



12.4201, 11.0645, 46.6089



1.1327, 1.1195, 3.9106

Inverse Universe

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



63.1407, 53.7050, 66.7153



67.1379, 54.1121, 68.9639



75.6749, 84.7660, 52.4189



16.1024, 15.8907, 18.0957



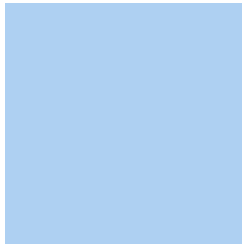
21.5947, 10.9103, 11.0483



1.8467, 0.9277, 1.1836

Previews

White Background



This preview shows how the XYZ color 56.0384, 60.5212, 92.7326 looks on a white background.

Color Contrast Check

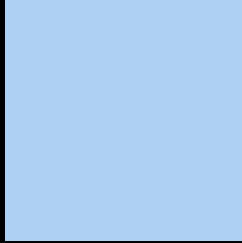
Large Text (above 18pt) WCAG AA × Fail

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 56.0384, 60.5212, 92.7326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

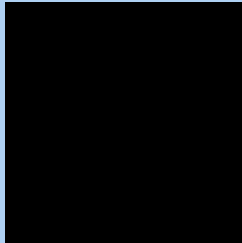
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

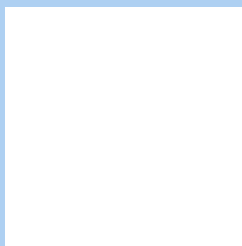
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0384, 60.5212, 92.7326

Background



This preview shows how black text looks on a background with the XYZ color 56.0384, 60.5212, 92.7326.



This preview shows how white text looks on a background with the XYZ color 56.0384, 60.5212,

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

56.0384, 60.5212, 92.7326

Protanopia

59.5791, 60.2844, 89.3848

Deuteranopia

61.6544, 60.2159, 93.9612



Tritanopia

53.7063, 60.2972, 81.4809

Trichromacy



Original Color

56.0384, 60.5212, 92.7326

Protanomaly

58.1591, 60.2365, 90.2229

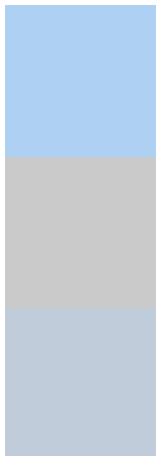
Deuteranomaly

59.2905, 60.0496, 93.2598

Tritanomaly

54.3792, 60.1978, 85.0972

Monochromacy



Original Color

56.0384, 60.5212, 92.7326

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8555, 59.4020, 74.1675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0384, 60.5212, 92.7326 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(174, 208, 242)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 242)  
}
```

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(174, 208, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 242) }
```

Border

The CSS property to change the border of an element to XYZ 56.0384, 60.5212, 92.7326 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(174, 208, 242) }
```


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

```
.border{ border-color:rgb(174, 208, 242) }
```

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

Here you see how a box with a 4 pixel rgb(174, 208, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 242);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0384, 60.5212, 92.7326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 242) }
```

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

```
.background{ background-color: rgb(174,  
208, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor