

Converting Colors

XYZ(58.5164, 62.1629,
104.1214)

Have a look what the booklet for
XYZ(58.5164, 62.1629, 104.1214)
contains.

XYZ(58.5522, 62.3119, 103.5491)	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(58.5522, 62.3119,
103.5491)**

Conversions

Conversions Part 1

Format	Color
Hex	AED2FF
RGB	174, 210, 255
RGB Percent	68%, 82%, 100%
CMY	0.3176, 0.1765, 0.0000
CMYK	0.32, 0.18, 0.00, 0.00
HSL	213°, 100%, 84%
HSV	213°, 32%, 100%
XYZ	58.5522, 62.3119, 103.5491
YIQ	204.3660, -35.9010, 6.3630

Conversions

Conversions Part 2

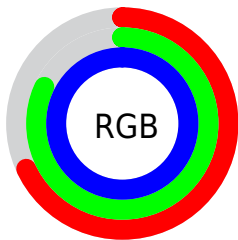
Format	Color
RYB	174, 199, 255
Decimal	11457279
CIELab	83.08, -1.62, -25.85
CIELCh	83, 25.904, 266.404
Yxy	62.3119, 0.2609, 0.2777
Android (android.graphics.Color)	4289647359 (0xFFAED2FF)
YUV	204.3660, 24.9626, -26.6310
Hunter-Lab	78.9379, -5.7389, -22.5189

Details

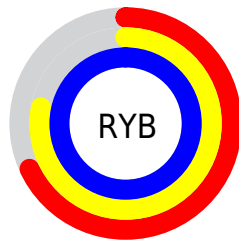
The XYZ color **58.5522, 62.3119, 103.5491** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.2118, 74.9791, 50.6074**, and the grayscale version is **57.4908, 60.4848, 65.8680**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **29.6893, 31.7761, 57.9947** is the 20% darker color. If you saturate the color by 10%, you get **50.0575, 52.9698, 102.1936**, and if you desaturate by 10%, it is **68.4385, 72.8339, 105.0590**.

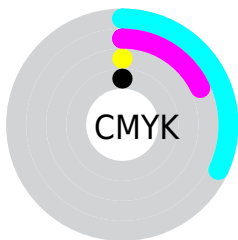
Distribution



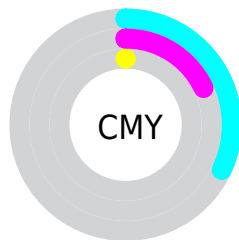
- Red (68%)
- Green (82%)
- Blue (100%)



- Red (68%)
- Yellow (78%)
- Blue (100%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5522, 62.3119, 103.5491 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 58.5522, 62.3119, 103.5491 by changing the saturation by 10% instead.

■ 58.5522, 62.3119,
103.5491

■ 58.5522, 62.3119,
103.5491

409.1612,
433.0679, 592.8561

■ 42.4977, 45.2848,
78.6345

■ 101.8449,
108.1762, 168.1202

■ 29.6840, 31.6818,
58.0758

129.8139,
137.7821, 208.6138

■ 19.7458, 21.1186,
41.4545

162.4850,
172.3498, 255.1375

■ 12.3176, 13.2107,
28.3520

200.2237,
212.2636, 308.1098

■ 7.0341, 7.5738,
18.3498

243.3953,
257.9079, 367.9493

■ 3.5299, 3.8235,
11.0294

292.3652,

■ 1.4398, 1.5753,

309.6671, 435.0745

5.9722

347.4987,
367.9257, 509.9039

■ 0.2843, 0.3409,
2.7597

■ 0.0000, 0.0000,
0.9733

■ 58.5522, 62.3119,
103.5491

■ 58.5522, 62.3119,
103.5491

■ 50.0575, 52.9698,
102.1936

■ 68.4385, 72.8339,
105.0590

■ 42.8797, 44.7529,
100.9859

■ 79.7750, 84.5732,
106.7274

■ 36.9452, 37.6123,
99.9204

■ 92.6235, 97.5739,
108.5596

■ 32.1697, 31.4917,
98.9907

95.0500, 100.0000,
108.9000

■ 28.4573, 26.3282,
98.1897

■ 25.6939, 22.0486,
97.5093

■ 23.9930, 19.1061,
97.0310

Harmonies

Analogous

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



53.4600, 62.3119, 96.9410



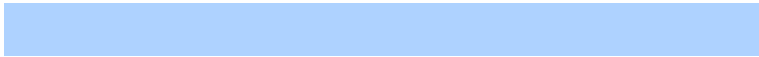
58.5522, 62.3119, 103.5491



64.1487, 62.3119, 99.4176

Triad

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



58.5522, 62.3119, 103.5491



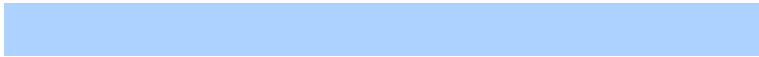
69.4126, 62.3119, 55.0260



50.6944, 62.3119, 52.1612

Complementary

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



58.5522, 62.3119, 103.5491



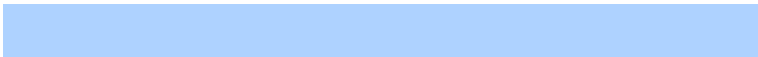
74.2118, 74.9791, 50.6074

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.



54.5610, 62.3119, 43.7864



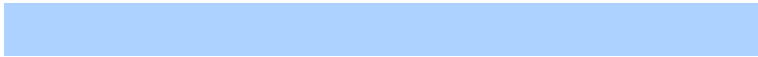
58.5522, 62.3119, 103.5491



65.3914, 62.3119, 45.2481

Square

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



58.5522, 62.3119, 103.5491



70.6460, 62.3119, 69.8014



59.9041, 62.3119, 41.4693



49.1075, 62.3119, 65.9295

Rectangle

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



58.5522, 62.3119, 103.5491



67.3787, 62.3119, 91.4341



59.9041, 62.3119, 41.4693



51.7583, 62.3119, 48.7112

Sweetspot

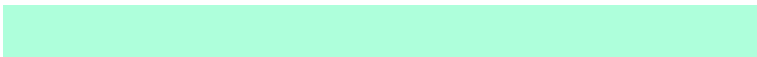
The Sweet Spot groups the original color and five complimentary colors.



58.5540, 62.3143, 103.5495



81.9290, 86.7727, 107.0384



65.9436, 85.6100, 79.7576



17.1679, 18.1970, 22.8575



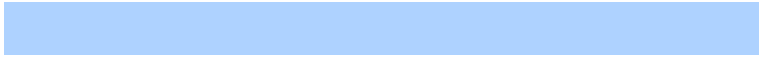
0.0000, 0.0000, 0.0000



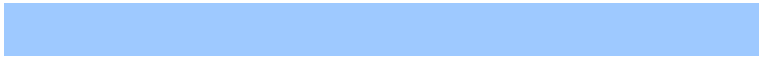
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5540, 62.3143, 103.5495



53.0963, 56.3513, 102.6862



51.5592, 46.9649, 100.9554



17.6676, 18.7067, 22.9295



12.6804, 10.2703, 50.7486



1.3416, 1.2138, 4.9769

Inverse Universe

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



68.0101, 56.1869, 68.2360



64.0464, 49.9729, 61.6327



83.1661, 95.0761, 54.0146



18.3449, 18.1213, 20.4331



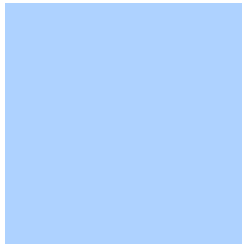
23.1887, 11.7648, 9.6439



2.3118, 1.1671, 1.2232

Previews

White Background



This preview shows how the XYZ color 58.5522, 62.3119, 103.5491 looks on a white background.

Color Contrast Check

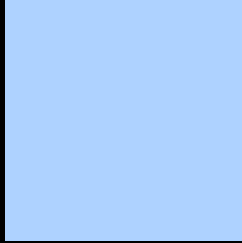
Large Text (above 18pt) WCAG AA × Fail

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 58.5522, 62.3119, 103.5491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

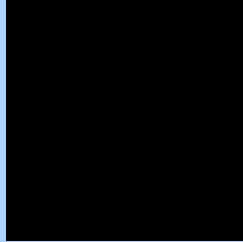
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5522, 62.3119, 103.5491

Background



This preview shows how black text looks on a background with the XYZ color 58.5522, 62.3119, 103.5491.



This preview shows how white text looks on a background with the XYZ color 58.5522, 62.3119,

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

58.5522, 62.3119, 103.5491

Protanopia

61.7704, 61.8865, 99.9564

Deuteranopia

63.2579, 61.8786, 103.2174



Tritanopia

54.8326, 62.2977, 84.7360

Trichromacy



Original Color

58.5522, 62.3119, 103.5491

Protanomaly

60.3810, 61.8623, 100.8536

Deuteranomaly

61.3672, 61.9590, 103.3326

Tritanomaly

56.3170, 62.5377, 91.5408

Monochromacy



Original Color

58.5522, 62.3119, 103.5491

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3829, 60.8078, 78.5247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5522, 62.3119, 103.5491 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 210, 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(174, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.5522, 62.3119, 103.5491 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, 210, 255) }
```


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

```
.border{ border-color:rgb(174, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5522, 62.3119, 103.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 210, 255) }
```

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

```
.background{ background-color: rgb(174,  
210, 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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