

Converting Colors

XYZ(52.3181, 58.2159, 95.8378)

Have a look what the booklet for
XYZ(52.3181, 58.2159, 95.8378)
contains.

XYZ(52.2738, 58.1495, 95.6576)	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(52.2738, 58.1495,
95.6576)**

Conversions

Conversions Part 1

Format	Color
Hex	9ACFF6
RGB	154, 207, 246
RGB Percent	60%, 81%, 96%
CMY	0.3961, 0.1882, 0.0353
CMYK	0.37, 0.16, 0.00, 0.04
HSL	205°, 84%, 78%
HSV	205°, 37%, 96%
XYZ	52.2738, 58.1495, 95.6576
YIQ	195.5990, -44.1070, 0.8930

Conversions

Conversions Part 2

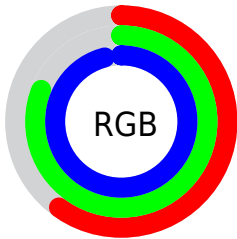
Format	Color
RYB	154, 188, 246
Decimal	10145782
CIELab	80.82, -7.68, -24.62
CIELCh	81, 25.787, 252.672
Yxy	58.1495, 0.2537, 0.2822
Android (android.graphics.Color)	4288335862 (0xFF9ACFF6)
YUV	195.5990, 24.8477, -36.4823
Hunter-Lab	76.2558, -11.0849, -20.9961

Details

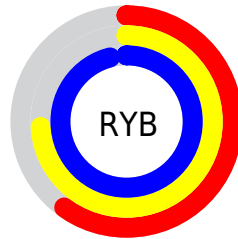
The XYZ color **52.2738, 58.1495, 95.6576** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.9099, 60.0669, 38.8520**, and the grayscale version is **52.1058, 54.8194, 59.6983**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **25.8311, 29.1528, 52.9808** is the 20% darker color. If you saturate the color by 10%, you get **45.6195, 51.0928, 94.6473**, and if you desaturate by 10%, it is **60.0581, 66.0390, 96.7712**.

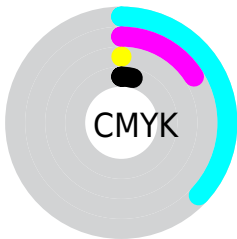
Distribution



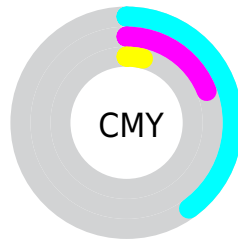
- Red (60%)
- Green (81%)
- Blue (96%)



- Red (60%)
- Yellow (74%)
- Blue (96%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)




- Cyan (40%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2738, 58.1495, 95.6576 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 52.2738, 58.1495, 95.6576 by changing the saturation by 10% instead.


 52.2738, 58.1495,
95.6576


 52.2738, 58.1495,
95.6576


385.7993,
417.7428, 567.3061

 37.4485, 41.9288,
72.0825


 92.7067, 102.1405,
157.1762

 25.7302, 29.0456,
52.7388


 119.0451,
130.6797, 195.9567

 16.7535, 19.1153,
37.2080


149.9519,
164.0938, 240.6429

 10.1531, 11.7536,
25.0715

185.7924,
202.7673, 291.6531

 5.5637, 6.5761,
15.9109

226.9321,
247.0846, 349.4061

 2.6197, 3.1985,
9.3074

273.7362,

 0.9560, 1.2362,

297.4300, 414.3202

4.8427

326.5702,
354.1879, 486.8140

■ 0.0000, 0.0910,
2.0981

■ 0.0000, 0.0000,
0.6147

■ 52.2738, 58.1495,
95.6576

■ 52.2738, 58.1495,
95.6576

■ 45.6195, 51.0928,
94.6473

■ 60.0581, 66.0390,
96.7712

■ 40.0275, 44.8254,
93.7323

■ 69.0238, 74.7887,
97.9875

■ 35.4307, 39.3091,
92.9098

■ 79.2260, 84.4326,
99.3112

■ 31.7514, 34.4989,
92.1753

■ 90.7141, 95.0006,
100.7456

■ 28.8986, 30.3426,
91.5234

■ 93.6347, 99.4339,
101.4474

■ 26.7543, 26.7740,
90.9476

■ 26.2664, 25.9171,
90.8079

Harmonies

Analogous

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



48.0738, 58.1495, 85.3572



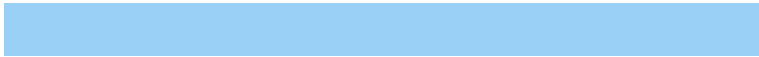
52.2738, 58.1495, 95.6576



57.5474, 58.1495, 96.4721

Triad

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



52.2738, 58.1495, 95.6576



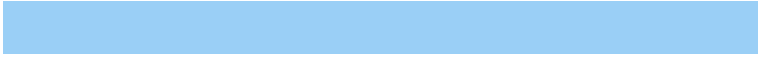
65.8795, 58.1495, 57.0940



48.6120, 58.1495, 44.0995

Complementary

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



52.2738, 58.1495, 95.6576



62.9099, 60.0669, 38.8520

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.



53.0522, 58.1495, 38.7861



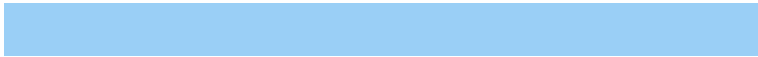
52.2738, 58.1495, 95.6576



63.1493, 58.1495, 45.4371

Square

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



52.2738, 58.1495, 95.6576



65.6376, 58.1495, 72.4620



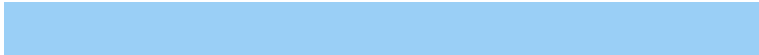
58.3772, 58.1495, 39.2328



46.0548, 58.1495, 54.9719

Rectangle

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



52.2738, 58.1495, 95.6576



60.9865, 58.1495, 91.3641



58.3772, 58.1495, 39.2328



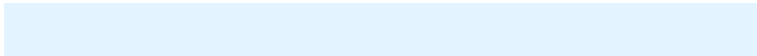
49.9212, 58.1495, 41.6888

Sweetspot

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



52.2757, 58.1518, 95.6590



81.7962, 87.7096, 107.2263



55.8351, 76.6034, 61.9078



17.1832, 18.4672, 22.9088



0.0000, 0.0000, 0.0000



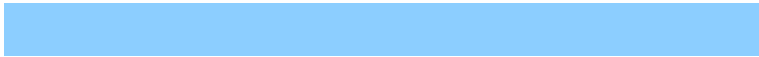
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2757, 58.1518, 95.6590



51.0649, 57.1322, 102.9439



42.8243, 39.2490, 92.5085



16.3740, 17.5123, 21.0598



14.1618, 14.1173, 48.5165



1.3464, 1.4441, 4.2980

Inverse Universe

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



60.8257, 47.2108, 64.9406



61.8387, 44.5629, 63.9628



74.5116, 83.2705, 42.7192



16.8993, 16.6426, 19.2165



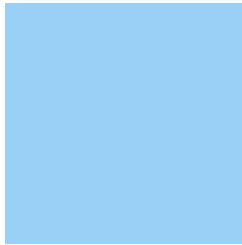
22.9527, 11.5245, 14.9912



2.0686, 1.0334, 1.5879

Previews

White Background



This preview shows how the XYZ color 52.2738, 58.1495, 95.6576 looks on a white background.

Color Contrast Check

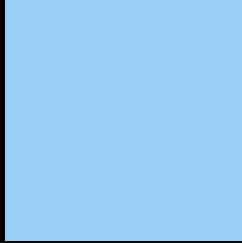
Large Text (above 18pt) WCAG AA × Fail

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 52.2738, 58.1495, 95.6576 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 52.2738, 58.1495, 95.6576

Background



This preview shows how black text looks on a background with the XYZ color 52.2738, 58.1495, 95.6576.



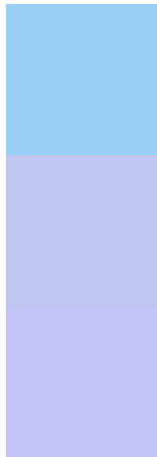
This preview shows how white text looks on a background with the XYZ color 52.2738, 58.1495,

95.6576.

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

52.2738, 58.1495, 95.6576

Protanopia

57.4081, 57.7558, 90.5603

Deuteranopia

59.1889, 57.8593, 96.8553



Tritanopia

49.3061, 58.0288, 81.2750

Trichromacy



Original Color

52.2738, 58.1495, 95.6576

Protanomaly

55.2738, 57.6491, 92.2185

Deuteranomaly

56.2652, 57.7273, 96.1727

Tritanomaly

50.4142, 58.1208, 86.4032

Monochromacy



Original Color

52.2738, 58.1495, 95.6576

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8479, 55.9873, 71.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2738, 58.1495, 95.6576 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(154, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(154, 207, 246)  
}
```

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(154, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 207, 246) }
```

Border

The CSS property to change the border of an element to XYZ 52.2738, 58.1495, 95.6576 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(154, 207, 246) }
```


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

```
.border{ border-color:rgb(154, 207, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 207, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 207, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 207, 246); box-shadow:4px 4px 4px 4px rgb(154, 207, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2738, 58.1495, 95.6576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 207, 246) }
```

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

```
.background{ background-color: rgb(154,  
207, 246) }
```

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