

Converting Colors

XYZ(52.2718, 59.0730, 91.8675)

Have a look what the booklet for
XYZ(52.2718, 59.0730, 91.8675)
contains.

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Color

**XYZ(52.1952, 58.9204,
91.8409)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD1F1
RGB	155, 209, 241
RGB Percent	61%, 82%, 95%
CMY	0.3921, 0.1804, 0.0549
CMYK	0.36, 0.13, 0.00, 0.05
HSL	202°, 75%, 78%
HSV	202°, 36%, 95%
XYZ	52.1952, 58.9204, 91.8409
YIQ	196.5020, -42.4560, -1.4960

Conversions

Conversions Part 2

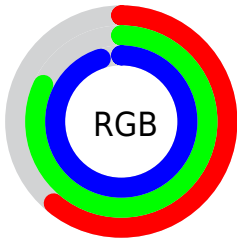
Format	Color
RYB	155, 188, 241
Decimal	10211825
CIELab	81.25, -9.72, -21.30
CIELCh	81, 23.413, 245.467
Yxy	58.9204, 0.2572, 0.2903
Android (android.graphics.Color)	4288401905 (0xFF9BD1F1)
YUV	196.5020, 21.9375, -36.3973
Hunter-Lab	76.7596, -12.9525, -17.2072

Details

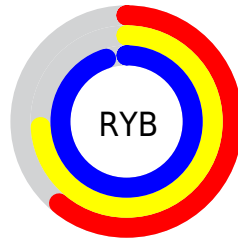
The XYZ color **52.1952, 58.9204, 91.8409** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.9633, 56.6087, 38.7781**, and the grayscale version is **52.6629, 55.4054, 60.3365**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **25.7338, 29.6548, 50.2666** is the 20% darker color. If you saturate the color by 10%, you get **45.8853, 52.4942, 90.9341**, and if you desaturate by 10%, it is **59.5556, 66.0747, 92.8349**.

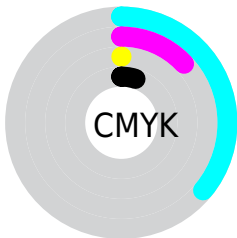
Distribution



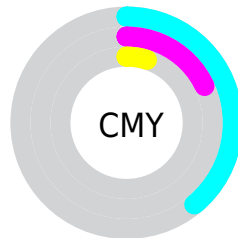
- Red (61%)
- Green (82%)
- Blue (95%)



- Red (61%)
- Yellow (74%)
- Blue (95%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)





- Cyan (39%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1952, 58.9204, 91.8409 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 52.1952, 58.9204, 91.8409 by changing the saturation by 10% instead.

 52.1952, 58.9204,
91.8409


 52.1952, 58.9204,
91.8409


385.5013,
420.6069, 554.7251

 37.3856, 42.5490,
68.9262


 92.5916, 103.2620,
151.8506

 25.6812, 29.5314,
50.1802


 118.9091,
132.0010, 189.7828

 16.7167, 19.4832,
35.1844


149.7932,
165.6313, 233.5578

 10.1268, 12.0200,
23.5203

185.6094,
204.5374, 283.5942

 5.5460, 6.7573,
14.7693

226.7229,
249.1036, 340.3106

 2.6091, 3.3108,
8.5128

273.4992,

 0.9506, 1.2960,

299.7143, 404.1256

4.3323

326.3035,
356.7539, 475.4575

■ 0.0000, 0.1381,
1.8094

■ 0.0000, 0.0000,
0.4341

■ 52.1952, 58.9204,
91.8409

■ 52.1952, 58.9204,
91.8409

■ 45.8853, 52.4942,
90.9341

■ 59.5556, 66.0747,
92.8349

■ 40.5632, 46.7567,
90.1072

■ 68.0136, 73.9803,
93.9151

■ 36.1675, 41.6745,
89.3579

■ 77.6200, 82.6675,
95.0855

■ 32.6272, 37.2080,
88.6823

■ 88.4204, 92.1626,
96.3490

■ 29.8595, 33.3110,
88.0760

■ 92.5081, 98.3924,
97.3361

■ 27.7626, 29.9280,
87.5336

■ 92.8774, 99.1310,
97.4592

■ 26.9974, 28.5910,
87.3158

Harmonies

Analogous

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



48.7015, 58.9204, 81.0458



52.1952, 58.9204, 91.8409



56.9008, 58.9204, 94.7988

Triad

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



52.1952, 58.9204, 91.8409



65.8726, 58.9204, 61.6279



50.7317, 58.9204, 44.6604

Complementary

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



52.1952, 58.9204, 91.8409



59.9633, 56.6087, 38.7781

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.



55.1128, 58.9204, 40.9475



52.1952, 58.9204, 91.8409



63.9980, 58.9204, 49.7897

Square

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



52.1952, 58.9204, 91.8409



64.9802, 58.9204, 75.9733



59.9897, 58.9204, 42.6794



47.8916, 58.9204, 53.6294

Rectangle

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



52.1952, 58.9204, 91.8409



60.1348, 58.9204, 91.6062



59.9897, 58.9204, 42.6794



52.0632, 58.9204, 42.8205

Sweetspot

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



52.1970, 58.9227, 91.8423



82.2332, 88.5837, 107.3719



53.8940, 73.4483, 58.0902



17.2875, 18.6758, 22.9436



0.0000, 0.0000, 0.0000



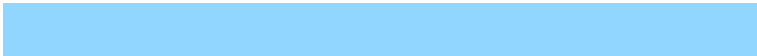
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1970, 58.9227, 91.8423



53.8866, 61.4671, 103.6320



43.1174, 40.7635, 88.8157



15.7244, 16.8829, 20.1516



14.7734, 15.7711, 47.3934



1.3240, 1.5020, 3.9743

Inverse Universe

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



59.5071, 46.7485, 66.2111



63.5824, 46.4833, 69.3748



70.3603, 77.4028, 42.2438



16.1903, 15.9258, 18.5585



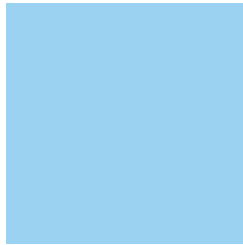
22.7826, 11.3854, 17.3033



1.9432, 0.9663, 1.6919

Previews

White Background



This preview shows how the XYZ color 52.1952, 58.9204, 91.8409 looks on a white background.

Color Contrast Check

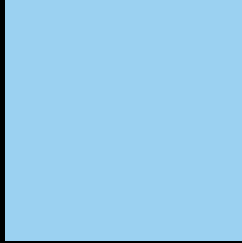
Large Text (above 18pt) WCAG AA × Fail

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 52.1952, 58.9204, 91.8409 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 52.1952, 58.9204, 91.8409

Background



This preview shows how black text looks on a background with the XYZ color 52.1952, 58.9204, 91.8409.



This preview shows how white text looks on a background with the XYZ color 52.1952, 58.9204,

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

52.1952, 58.9204, 91.8409

Protanopia

57.9245, 58.4471, 86.8257

Deuteranopia

60.1148, 58.7435, 93.7582



Tritanopia

50.2468, 58.8654, 82.1127

Trichromacy



Original Color

52.1952, 58.9204, 91.8409

Protanomaly

55.4644, 58.5296, 88.4948

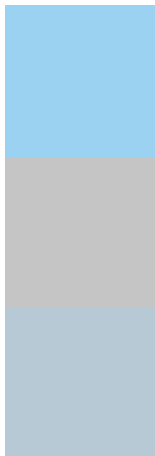
Deuteranomaly

56.8315, 58.4347, 93.0777

Tritanomaly

50.8914, 58.7487, 85.7482

Monochromacy



Original Color

52.1952, 58.9204, 91.8409

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.1883, 56.5225, 71.1101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1952, 58.9204, 91.8409 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(155, 209, 241)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 241)  
}
```

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(155, 209, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 241) }
```

Border

The CSS property to change the border of an element to XYZ 52.1952, 58.9204, 91.8409 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(155, 209, 241) }
```


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

```
.border{ border-color:rgb(155, 209, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 209, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 209, 241); box-shadow:4px 4px 4px 4px rgb(155, 209, 241) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1952, 58.9204, 91.8409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 241) }
```

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

```
.background{ background-color: rgb(155,  
209, 241) }
```

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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