

Converting Colors

XYZ(47.3934, 59.4348,
100.4931)

Have a look what the booklet for
XYZ(47.3934, 59.4348, 100.4931)
contains.

XYZ(47.2624, 59.1874, 100.2001)	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(47.2624, 59.1874,
100.2001)**

Conversions

Conversions Part 1

Format	Color
Hex	62D9FB
RGB	98, 217, 251
RGB Percent	38%, 85%, 98%
CMY	0.6157, 0.1490, 0.0157
CMYK	0.61, 0.14, 0.00, 0.02
HSL	193°, 95%, 68%
HSV	193°, 61%, 98%
XYZ	47.2624, 59.1874, 100.2001
YIQ	185.2950, -81.8380, -14.6540

Conversions

Conversions Part 2

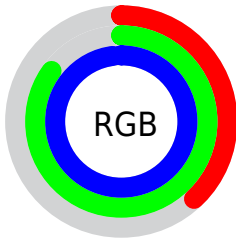
Format	Color
RYB	98, 165, 251
Decimal	6478331
CIELab	81.39, -23.68, -26.61
CIELCh	81, 35.625, 228.337
Yxy	59.1874, 0.2287, 0.2864
Android (android.graphics.Color)	4284668411 (0xFF62D9FB)
YUV	185.2950, 32.3926, -76.5577
Hunter-Lab	76.9333, -24.9756, -23.3676

Details

The XYZ color **47.2624, 59.1874, 100.2001** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **50.2412, 37.8956, 16.2238**, and the grayscale version is **46.1382, 48.5409, 52.8611**.

A 20% lighter version of the original color is **68.5079, 86.3171, 107.6579**, and **22.6579, 29.7357, 55.5843** is the 20% darker color. If you saturate the color by 10%, you get **43.5536, 55.1782, 99.6228**, and if you desaturate by 10%, it is **51.8725, 63.7357, 100.8361**.

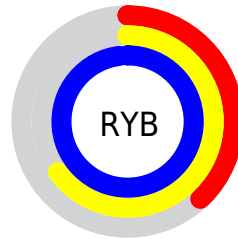
Distribution



Red (38%)

Green (85%)

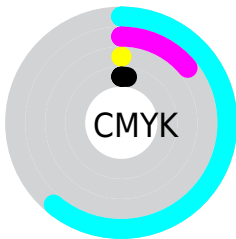
Blue (98%)



Red (38%)

Yellow (65%)

Blue (98%)

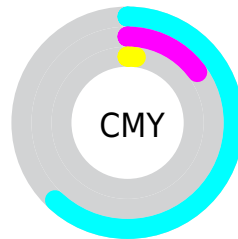


Cyan (61%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (62%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2624, 59.1874, 100.2001 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 47.2624, 59.1874, 100.2001 by changing the saturation by 10% instead.

47.2624, 59.1874,
100.2001

47.2624, 59.1874,
100.2001

366.4924,
421.5960, 582.0862

33.4520, 42.7640,
75.8498

85.3215, 103.6500,
163.4864

22.6338, 29.7000,
55.8035

110.3009,
132.4579, 203.2596

14.4425, 19.6110,
39.6424

139.7340,
166.1629, 249.0107

8.5129, 12.1126,
26.9482

173.9862,
205.1492, 301.1585

4.4794, 6.8204,
17.3022

213.4227,
249.8013, 360.1214

1.9767, 3.3500,
10.2860

258.4090,

0.6209, 1.3171,

300.5035, 426.3179

5.4809

309.3105,
357.6403, 500.1667

■ 0.0000, 0.1544,
2.4685

■ 0.0000, 0.0000,
0.8234

■ 47.2624, 59.1874,
100.2001

■ 47.2624, 59.1874,
100.2001

■ 43.5536, 55.1782,
99.6228

■ 51.8725, 63.7357,
100.8361

■ 40.6573, 51.6582,
99.0960

■ 57.4503, 68.8546,
101.5302

■ 38.4763, 48.5776,
98.6164

■ 64.0624, 74.5802,
102.2869

■ 36.9781, 46.0958,
98.2163

■ 71.7678, 80.9435,
103.1090

■ 80.6208, 87.9734,
103.9993

■ 90.6720, 95.6964,
104.9602

■ 94.4128, 99.7451,
105.5445

Harmonies

Analogous

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



43.7269, 59.1874, 78.2293



47.2624, 59.1874, 100.2001



53.4100, 59.1874, 113.5388

Triad

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



47.2624, 59.1874, 100.2001



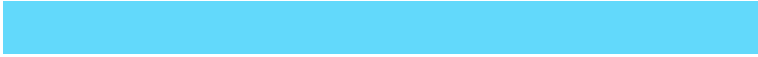
71.4799, 59.1874, 73.0975



51.8694, 59.1874, 32.8254

Complementary

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



47.2624, 59.1874, 100.2001



50.2412, 37.8956, 16.2238

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.



59.2011, 59.1874, 32.0435



47.2624, 59.1874, 100.2001



70.9749, 59.1874, 52.3832

Square

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



47.2624, 59.1874, 100.2001



67.6478, 59.1874, 95.7368



66.3234, 59.1874, 38.4029



46.2205, 59.1874, 40.8438

Rectangle

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



47.2624, 59.1874, 100.2001



58.3580, 59.1874, 114.1430



66.3234, 59.1874, 38.4029



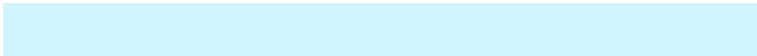
54.2048, 59.1874, 31.7847

Sweetspot

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



47.2643, 59.1896, 100.2015



76.9648, 85.9738, 107.1459



43.6428, 73.2352, 33.3639



15.9282, 17.9631, 22.8777



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.



47.2643, 59.1896, 100.2015



44.4476, 56.3878, 103.1490



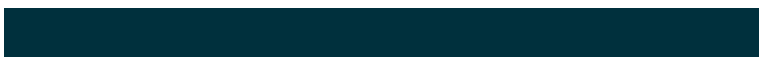
32.0281, 28.7171, 95.1228



17.4195, 18.9157, 22.1183



19.5503, 24.4562, 51.6637



1.8884, 2.4204, 4.8108

Inverse Universe

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



56.6773, 34.2562, 69.2727



55.4498, 30.3342, 66.3060



64.4605, 66.3343, 20.9635



17.8183, 17.4547, 20.8987



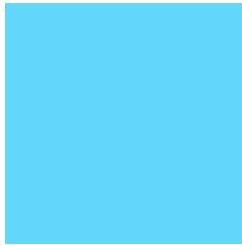
26.1601, 12.8798, 28.6153



2.4621, 1.2086, 2.8568

Previews

White Background



This preview shows how the XYZ color 47.2624, 59.1874, 100.2001 looks on a white background.

Color Contrast Check

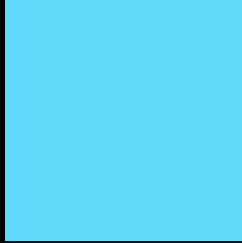
Large Text (above 18pt) WCAG AA × Fail

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 47.2624, 59.1874, 100.2001 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 47.2624, 59.1874, 100.2001

Background



This preview shows how black text looks on a background with the XYZ color 47.2624, 59.1874, 100.2001.



This preview shows how white text looks on a background with the XYZ color 47.2624, 59.1874,

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

47.2624, 59.1874, 100.2001

Protanopia

57.9957, 58.4163, 89.8801

Deuteranopia

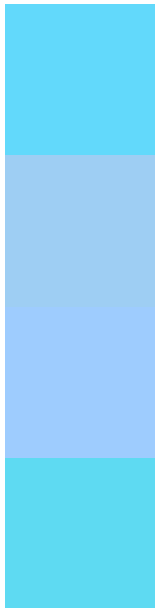
59.7545, 58.3590, 102.7227



Tritanopia

45.0312, 59.0528, 89.1457

Trichromacy



Original Color

47.2624, 59.1874, 100.2001

Protanomaly

52.3495, 57.8828, 93.2074

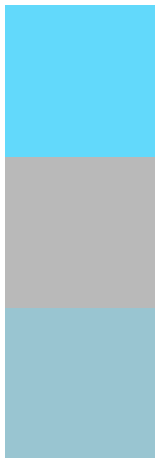
Deuteranomaly

53.5828, 57.6106, 102.0618

Tritanomaly

45.7145, 58.9333, 92.9703

Monochromacy



Original Color

47.2624, 59.1874, 100.2001

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.6117, 51.3083, 67.8738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2624, 59.1874, 100.2001 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(98, 217, 251)` looks like.

```
.text, #text, p{  
    color:rgb(98, 217, 251)  
}
```

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(98, 217, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 217, 251) }
```

Border

The CSS property to change the border of an element to XYZ 47.2624, 59.1874, 100.2001 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(98, 217, 251) }
```


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

```
.border{ border-color:rgb(98, 217, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 217, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 217, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 217, 251);  
box-shadow:4px 4px 4px 4px rgb(98, 217,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2624, 59.1874, 100.2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 217, 251) }
```

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

```
.background{ background-color: rgb(98, 217,  
251) }
```

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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