

Converting Colors

XYZ(25.9173, 24.0561, 84.9402)

Have a look what the booklet for
XYZ(25.9173, 24.0561, 84.9402)
contains.

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Color

**XYZ(25.8920, 23.9992,
84.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	3D85EF
RGB	61, 133, 239
RGB Percent	24%, 52%, 94%
CMY	0.7607, 0.4784, 0.0627
CMYK	0.74, 0.44, 0.00, 0.06
HSL	216°, 85%, 59%
HSV	216°, 74%, 94%
XYZ	25.8920, 23.9992, 84.9290
YIQ	123.5560, -76.9380, 17.7020

Conversions

Conversions Part 2

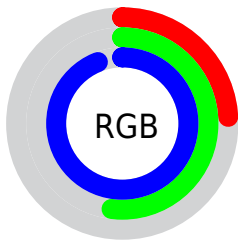
Format	Color
R _Y B	61, 112, 239
Decimal	4031983
CIE Lab	56.09, 13.41, -59.82
CIE LCh	56, 61.299, 282.632
Yxy	23.9992, 0.1920, 0.1780
Android (android.graphics.Color)	4282222063 (0xFF3D85EF)
YUV	123.5560, 56.9139, -54.8616
Hunter-Lab	48.9890, 8.6114, -68.4949

Details

The XYZ color **25.8920, 23.9992, 84.9290** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **50.2605, 46.3299, 10.7103**, and the grayscale version is **18.8478, 19.8294, 21.5942**.

A 20% lighter version of the original color is **44.8148, 47.0836, 101.3338**, and **11.6138, 9.7180, 45.5196** is the 20% darker color. If you saturate the color by 10%, you get **22.9163, 19.7658, 84.2693**, and if you desaturate by 10%, it is **29.7888, 29.0998, 85.7087**.

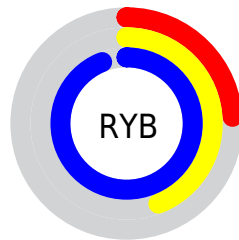
Distribution



Red (24%)

Green (52%)

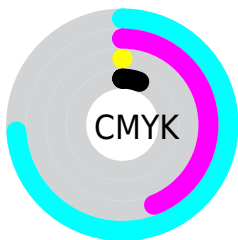
Blue (94%)



Red (24%)

Yellow (44%)

Blue (94%)

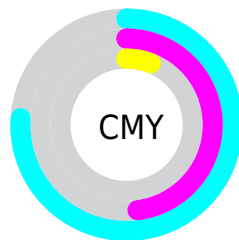


Cyan (74%)

Magenta (44%)

Yellow (0%)

Black (6%)



Cyan (76%)

Magenta (48%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8920, 23.9992, 84.9290 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 25.8920, 23.9992, 84.9290 by changing the saturation by 10% instead.

■ 25.8920, 23.9992,
84.9290

■ 25.8920, 23.9992,
84.9290

274.5179,
272.8164, 531.5316

■ 16.8751, 15.3330,
63.2329

■ 52.5332, 50.0289,
142.1473

■ 10.2402, 9.0534,
45.5874

■ 70.8882, 68.1612,
178.5065

■ 5.6220, 4.7761,
31.5741

■ 93.0867, 90.2177,
220.5905

■ 2.6551, 2.1165,
20.7743

■ 119.4940,
116.5827, 268.8179

■ 0.9741, 0.6739,
12.7695

150.4754,
147.6407, 323.6072

■ 0.0000, 0.0000,
7.1411

186.3963,

■ 0.0000, 0.0000,

183.7761, 385.3768

3.4707

227.6220,
225.3732, 454.5454

■ 0.0000, 0.0000,
1.3397

■ 0.0000, 0.0000,
0.0940

■ 25.8920, 23.9992,
84.9290

■ 25.8920, 23.9992,
84.9290

■ 22.9163, 19.7658,
84.2693

■ 29.7888, 29.0998,
85.7087

■ 20.7535, 16.3277,
83.7196

■ 34.6907, 35.1251,
86.6133

■ 19.8239, 14.7197,
83.4583

■ 40.6747, 42.1291,
87.6499

■ 47.8088, 50.1602,
88.8240

■ 56.1552, 59.2631,
90.1411

■ 65.7713, 69.4797,
91.6063

■ 76.7105, 80.8493,
93.2243

■ 89.0232, 93.4091,
94.9996

■ 92.5801, 99.0120,
95.8936

Harmonies

Analogous

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



19.0132, 23.9992, 83.1273



25.8920, 23.9992, 84.9290



33.2302, 23.9992, 66.1472

Triad

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



25.8920, 23.9992, 84.9290



34.2544, 23.9992, 7.7180



12.1995, 23.9992, 16.2053

Complementary

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



25.8920, 23.9992, 84.9290



50.2605, 46.3299, 10.7103

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.



14.8343, 23.9992, 6.7586



25.8920, 23.9992, 84.9290



27.0825, 23.9992, 3.8746

Square

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



25.8920, 23.9992, 84.9290



38.6827, 23.9992, 18.5551



19.9838, 23.9992, 3.6475



12.0103, 23.9992, 35.5309

Rectangle

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



25.8920, 23.9992, 84.9290



37.0229, 23.9992, 48.2396



19.9838, 23.9992, 3.6475



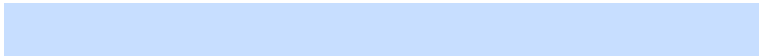
12.7992, 23.9992, 12.0823

Sweetspot

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



25.8930, 23.9999, 84.9296



67.5892, 71.3734, 104.8219



39.5689, 65.4367, 46.0656



13.8526, 14.6177, 22.3413



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.



25.8930, 23.9999, 84.9296



25.2276, 20.8624, 97.3049



20.2177, 11.1011, 82.7390



15.4221, 16.2783, 20.0508



11.0759, 8.3760, 46.1608



1.0165, 0.8871, 3.8719

Inverse Universe

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



41.5000, 23.3832, 24.5168



45.0370, 23.4451, 19.8705



62.5021, 77.9447, 16.1673



16.0377, 15.8648, 17.7550



20.9162, 10.6389, 7.4754



1.7880, 0.9043, 0.8747

Previews

White Background



This preview shows how the XYZ color 25.8920, 23.9992, 84.9290 looks on a white background.

Color Contrast Check

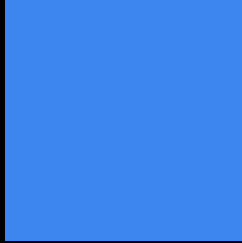
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8920, 23.9992, 84.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

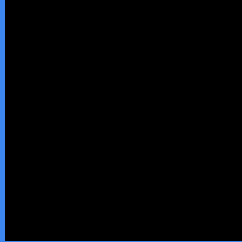
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

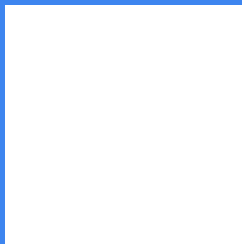
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8920, 23.9992, 84.9290

Background



This preview shows how black text looks on a background with the XYZ color 25.8920, 23.9992, 84.9290.



This preview shows how white text looks on a background with the XYZ color 25.8920, 23.9992,

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

25.8920, 23.9992, 84.9290

Protanopia

26.7791, 23.9062, 82.5598

Deuteranopia

24.8324, 24.0884, 84.2296



Tritanopia

16.9351, 23.7179, 36.9431

Trichromacy



Original Color

25.8920, 23.9992, 84.9290

Protanomaly

26.3829, 23.8835, 83.3402

Deuteranomaly

25.0929, 24.0146, 84.2017

Tritanomaly

19.3386, 23.4896, 51.6588

Monochromacy



Original Color

25.8920, 23.9992, 84.9290

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.8391, 20.6986, 39.0260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8920, 23.9992, 84.9290 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(61, 133, 239)` looks like.

```
.text, #text, p{  
    color:rgb(61, 133, 239)  
}
```

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(61, 133, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 133, 239) }
```

Border

The CSS property to change the border of an element to XYZ 25.8920, 23.9992, 84.9290 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(61, 133, 239) }
```


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

```
.border{ border-color:rgb(61, 133, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 133, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 133, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 133, 239);  
box-shadow:4px 4px 4px 4px rgb(61, 133,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8920, 23.9992, 84.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 133, 239) }
```

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

```
.background{ background-color: rgb(61, 133,  
239) }
```

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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