

Converting Colors

XYZ(15.0169, 17.9851, 91.8431)

Have a look what the booklet for
XYZ(15.0169, 17.9851, 91.8431)
contains.

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Color

**XYZ(25.1945, 23.2798,
91.9725)**

Conversions

Conversions Part 1

Format	Color
Hex	0084F8
RGB	0, 132, 248
RGB Percent	0%, 52%, 97%
CMY	0.9997, 0.4824, 0.0274
CMYK	1.00, 0.47, 0.00, 0.03
HSL	208°, 100%, 49%
HSV	208°, 100%, 97%
XYZ	25.1945, 23.2798, 91.9725
YIQ	105.7560, -115.9080, 8.0920

Conversions

Conversions Part 2

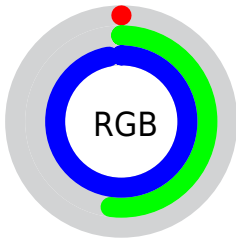
Format	Color
R _Y B	0, 86, 248
Decimal	34040
CIE Lab	55.36, 13.60, -66.02
CIE LCh	55, 67.412, 281.643
Yxy	23.2798, 0.1794, 0.1658
Android (android.graphics.Color)	4278224120 (0xFF0084F8)
YUV	105.7560, 70.1263, -92.7480
Hunter-Lab	48.2491, 8.7722, -79.2442

Details

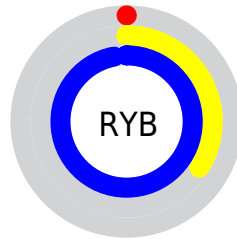
The XYZ color **25.1945, 23.2798, 91.9725** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **44.9654, 32.4636, 3.8981**, and the grayscale version is **13.4762, 14.1780, 15.4398**.

A 20% lighter version of the original color is **41.6209, 44.8160, 101.0644**, and **12.5743, 10.1022, 50.5774** is the 20% darker color. If you saturate the color by 10%, you get **25.1903, 23.2712, 91.9716**, and if you desaturate by 10%, it is **27.2544, 26.8090, 92.5457**.

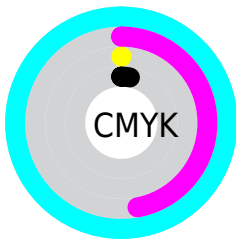
Distribution



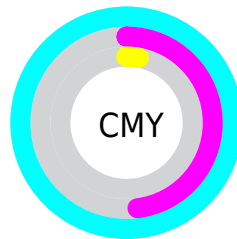
- Red (0%)
- Green (52%)
- Blue (97%)



- Red (0%)
- Yellow (34%)
- Blue (97%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (48%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1945, 23.2798, 91.9725 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 25.1945, 23.2798, 91.9725 by changing the saturation by 10% instead.

■ 25.1945, 23.2798,
91.9725

■ 25.1945, 23.2798,
91.9725

271.1350,
269.1589, 555.1615

■ 16.3515, 14.8002,
69.0349

■ 51.4132, 48.8524,
152.0346

■ 9.8657, 8.6793,
50.2682

■ 69.5197, 66.7141,
189.9962

■ 5.3716, 4.5326,
35.2539

■ 91.4446, 88.4721,
233.8029

■ 2.5039, 1.9757,
23.5734

■ 117.5535,
114.5107, 283.8732

■ 0.8972, 0.5933,
14.8082

■ 148.2116,
145.2143, 340.6257

■ 0.0000, 0.0000,
8.5398

183.7843,

■ 0.0000, 0.0000,

180.9672, 404.4789

4.3495

224.6370,
222.1540, 475.8513

■ 0.0000, 0.0000,
1.8190

■ 0.0000, 0.0000,
0.4404

■ 25.1945, 23.2798,
91.9725

■ 25.1945, 23.2798,
91.9725

■ 25.1903, 23.2712,
91.9716

■ 27.2544, 26.8090,
92.5457

■ 29.9983, 30.9587,
93.2021

■ 33.5877, 35.8198,
93.9512

■ 38.1213, 41.4508,
94.7991

■ 43.6827, 47.9018,
95.7512

■ 50.3455, 55.2176,
96.8121

■ 58.1759, 63.4390,
97.9863

■ 67.2345, 72.6037,
99.2778

■ 77.5774, 82.7469,
100.6905

Harmonies

Analogous

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



17.8539, 23.2798, 89.0223



25.1945, 23.2798, 91.9725



33.2701, 23.2798, 70.9736

Triad

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



25.1945, 23.2798, 91.9725



34.8766, 23.2798, 6.5184



10.9919, 23.2798, 14.3597

Complementary

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



25.1945, 23.2798, 91.9725



44.9654, 32.4636, 3.8981

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.



13.7991, 23.2798, 5.2202



25.1945, 23.2798, 91.9725



27.0322, 23.2798, 2.8027

Square

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



25.1945, 23.2798, 91.9725



39.6532, 23.2798, 17.8348



19.3187, 23.2798, 2.5217



10.7176, 23.2798, 34.7202

Rectangle

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



25.1945, 23.2798, 91.9725



37.5573, 23.2798, 50.7343



19.3187, 23.2798, 2.5217



11.6346, 23.2798, 10.2614

Sweetspot

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



25.1956, 23.2804, 91.9731



61.9108, 67.5157, 104.3765



36.7075, 68.3913, 27.7193



12.4650, 13.6345, 22.2247



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.



25.1956, 23.2804, 91.9731



26.8109, 24.7418, 97.9703



17.0347, 6.9587, 89.2529



17.0478, 18.1725, 21.9944



13.7496, 12.8548, 49.7301



1.3796, 1.4029, 4.6412

Inverse Universe

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



42.8773, 21.6240, 23.7439



45.6621, 23.0288, 25.2165



69.7946, 82.1218, 12.1745



17.6307, 17.3796, 19.9109



23.2322, 11.7086, 13.1970



2.2053, 1.1058, 1.5044

Previews

White Background



This preview shows how the XYZ color 25.1945, 23.2798, 91.9725 looks on a white background.

Color Contrast Check

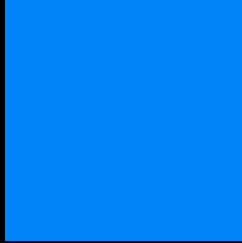
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1945, 23.2798, 91.9725 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

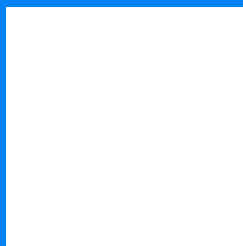
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1945, 23.2798, 91.9725

Background



This preview shows how black text looks on a background with the XYZ color 25.1945, 23.2798, 91.9725.



This preview shows how white text looks on a background with the XYZ color 25.1945, 23.2798,

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

25.1945, 23.2798, 91.9725

Protanopia

26.7208, 23.3477, 88.6862

Deuteranopia

23.6654, 23.1063, 82.5695



Tritanopia

16.4345, 23.2677, 35.0774

Trichromacy



Original Color

25.1945, 23.2798, 91.9725

Protanomaly

25.4584, 22.8739, 89.4595

Deuteranomaly

24.1157, 23.0663, 85.6193

Tritanomaly

18.8583, 23.0201, 51.5935

Monochromacy



Original Color

25.1945, 23.2798, 91.9725

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.6170, 15.9234, 34.6509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1945, 23.2798, 91.9725 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(0, 132, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 248)  
}
```

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(0, 132, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 248) }
```

Border

The CSS property to change the border of an element to XYZ 25.1945, 23.2798, 91.9725 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(0, 132, 248) }
```


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

```
.border{ border-color:rgb(0, 132, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 132, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1945, 23.2798, 91.9725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 248) }
```

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

```
.background{ background-color: rgb(0, 132,  
248) }
```

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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