

Converting Colors

XYZ(25.4366, 23.3411, 93.0078)

Have a look what the booklet for
XYZ(25.4366, 23.3411, 93.0078)
contains.

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Color

**XYZ(25.4253, 23.3808,
92.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	0684F9
RGB	6, 132, 249
RGB Percent	2%, 52%, 98%
CMY	0.9762, 0.4824, 0.0235
CMYK	0.98, 0.47, 0.00, 0.02
HSL	209°, 95%, 50%
HSV	209°, 98%, 98%
XYZ	25.4253, 23.3808, 92.7954
YIQ	107.6640, -112.6530, 9.6750

Conversions

Conversions Part 2

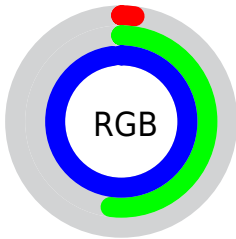
Format	Color
R _{YB}	6, 89, 249
Decimal	427257
CIE _{Lab}	55.46, 14.14, -66.41
CIE _{LCh}	55, 67.898, 282.018
Yxy	23.3808, 0.1796, 0.1651
Android (android.graphics.Color)	4278617337 (0xFF0684F9)
YUV	107.6640, 69.6786, -89.1593
Hunter-Lab	48.3537, 9.2397, -79.9356

Details

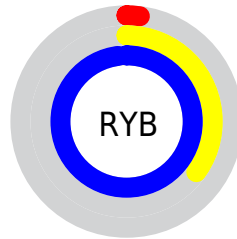
The XYZ color **25.4253, 23.3808, 92.7954** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **46.1931, 34.3385, 4.3679**, and the grayscale version is **14.0009, 14.7300, 16.0410**.

A 20% lighter version of the original color is **41.8726, 44.9457, 101.0762**, and **12.6848, 10.1464, 51.1591** is the 20% darker color. If you saturate the color by 10%, you get **24.9589, 22.5594, 92.6620**, and if you desaturate by 10%, it is **27.6356, 27.0750, 93.3925**.

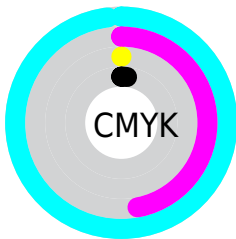
Distribution



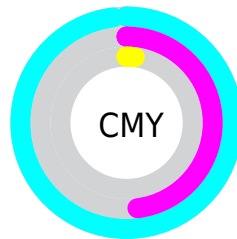
- Red (2%)
- Green (52%)
- Blue (98%)



- Red (2%)
- Yellow (35%)
- Blue (98%)



- Cyan (98%)
- Magenta (47%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (48%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4253, 23.3808, 92.7954 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 25.4253, 23.3808, 92.7954 by changing the saturation by 10% instead.

■ 25.4253, 23.3808,
92.7954

■ 25.4253, 23.3808,
92.7954

272.2581,
269.6749, 557.8859

■ 16.5246, 14.8749,
69.7147

■ 51.7843, 49.0178,
153.1846

■ 9.9893, 8.7317,
50.8186

■ 69.9733, 66.9178,
191.3302

■ 5.4541, 4.5666,
35.6886

■ 91.9891, 88.7180,
235.3345

■ 2.5536, 1.9953,
23.9060

■ 118.1972,
114.8027, 285.6161

■ 0.9223, 0.6047,
15.0523

■ 148.9627,
145.5563, 342.5935

■ 0.0000, 0.0000,
8.7091

184.6512,

■ 0.0000, 0.0000,

181.3633, 406.6852

4.4577

225.6278,
222.6080, 478.3098

■ 0.0000, 0.0000,
1.8797

■ 0.0000, 0.0000,
0.4797

■ 25.4253, 23.3808,
92.7954

■ 25.4253, 23.3808,
92.7954

■ 24.9589, 22.5594,
92.6620

■ 27.6356, 27.0750,
93.3925

■ 30.6092, 31.4490,
94.0801

■ 34.4720, 36.5765,
94.8662

■ 39.3201, 42.5150,
95.7569

■ 45.2356, 49.3148,
96.7576

■ 52.2911, 57.0208,
97.8732

■ 60.5525, 65.6743,
99.1080

■ 70.0802, 75.3135,
100.4664

■ 80.9304, 85.9741,
101.9523

Harmonies

Analogous

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



17.9878, 23.3808, 90.1371



25.4253, 23.3808, 92.7954



33.5822, 23.3808, 71.2734

Triad

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



25.4253, 23.3808, 92.7954



35.0260, 23.3808, 6.4000



10.9708, 23.3808, 14.5500

Complementary

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



25.4253, 23.3808, 92.7954



46.1931, 34.3385, 4.3679

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.



13.7660, 23.3808, 5.2443



25.4253, 23.3808, 92.7954



27.0752, 23.3808, 2.7430

Square

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



25.4253, 23.3808, 92.7954



39.9177, 23.3808, 17.6613



19.3011, 23.3808, 2.4943



10.7255, 23.3808, 35.2652

Rectangle

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



25.4253, 23.3808, 92.7954



37.8904, 23.3808, 50.7501



19.3011, 23.3808, 2.4943



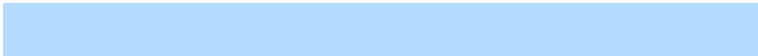
11.6075, 23.3808, 10.3766

Sweetspot

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



25.4264, 23.3814, 92.7960



62.5494, 67.9129, 104.4195



37.3083, 69.1336, 28.9700



12.5745, 13.6882, 22.2293



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.



25.4264, 23.3814, 92.7960



26.3261, 23.7722, 97.8087



17.3345, 7.1976, 90.0987



17.0273, 18.1315, 21.9876



13.5032, 12.3620, 49.6480



1.3568, 1.3573, 4.6336

Inverse Universe

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



43.2980, 21.9378, 23.7823



45.4174, 22.9310, 23.9278



70.5271, 83.0065, 12.4792



17.6203, 17.3755, 19.8565



23.1078, 11.6588, 12.5421



2.1938, 1.1012, 1.4438

Previews

White Background



This preview shows how the XYZ color 25.4253, 23.3808, 92.7954 looks on a white background.

Color Contrast Check

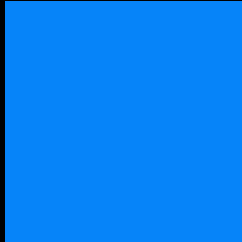
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4253, 23.3808, 92.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

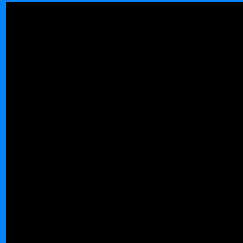
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

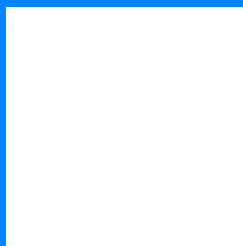
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4253, 23.3808, 92.7954

Background



This preview shows how black text looks on a background with the XYZ color 25.4253, 23.3808, 92.7954.



This preview shows how white text looks on a background with the XYZ color 25.4253, 23.3808,

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

25.4253, 23.3808, 92.7954

Protanopia

26.7991, 23.3705, 89.4847

Deuteranopia

23.8043, 23.3841, 82.6158



Tritanopia

16.4345, 23.2677, 35.0774

Trichromacy



Original Color

25.4253, 23.3808, 92.7954

Protanomaly

25.6571, 22.9587, 90.2680

Deuteranomaly

24.4273, 23.4140, 86.4510

Tritanomaly

18.9923, 23.0766, 52.1684

Monochromacy



Original Color

25.4253, 23.3808, 92.7954

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2178, 16.5654, 35.1963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4253, 23.3808, 92.7954 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(6, 132, 249)` looks like.

```
.text, #text, p{  
    color:rgb(6, 132, 249)  
}
```

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(6, 132, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 132, 249) }
```

Border

The CSS property to change the border of an element to XYZ 25.4253, 23.3808, 92.7954 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(6, 132, 249) }
```


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

```
.border{ border-color:rgb(6, 132, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 132, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 132, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 132, 249);  
box-shadow:4px 4px 4px 4px rgb(6, 132,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4253, 23.3808, 92.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 132, 249) }
```

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

```
.background{ background-color: rgb(6, 132,  
249) }
```

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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