

Converting Colors

XYZ(26.2974, 21.3059, 87.1265)

Have a look what the booklet for
XYZ(26.2974, 21.3059, 87.1265)
contains.

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Color

**XYZ(26.4024, 21.3592,
87.5252)**

Conversions

Conversions Part 1

Format	Color
Hex	5576F3
RGB	85, 118, 243
RGB Percent	33%, 46%, 95%
CMY	0.6666, 0.5373, 0.0471
CMYK	0.65, 0.51, 0.00, 0.05
HSL	227°, 87%, 64%
HSV	227°, 65%, 95%
XYZ	26.4024, 21.3592, 87.5252
YIQ	122.3830, -59.7930, 31.8790

Conversions

Conversions Part 2

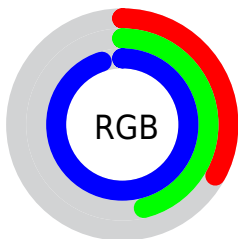
Format	Color
R _Y B	85, 112, 243
Decimal	5601011
CIE Lab	53.34, 27.36, -66.41
CIE LCh	53, 71.823, 292.391
Yxy	21.3592, 0.1952, 0.1579
Android (android.graphics.Color)	4283791091 (0xFF5576F3)
YUV	122.3830, 59.4642, -32.7849
Hunter-Lab	46.2160, 21.0959, -79.9339

Details

The XYZ color **26.4024, 21.3592, 87.5252** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **61.6513, 65.8086, 18.0492**, and the grayscale version is **18.4505, 19.4114, 21.1390**.

A 20% lighter version of the original color is **44.8192, 42.3590, 100.4216**, and **11.0531, 7.9255, 47.4016** is the 20% darker color. If you saturate the color by 10%, you get **22.5249, 16.3351, 86.7603**, and if you desaturate by 10%, it is **31.5004, 27.6977, 88.4805**.

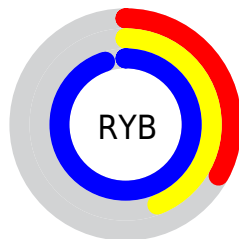
Distribution



Red (33%)

Green (46%)

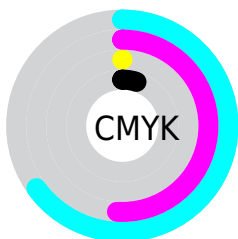
Blue (95%)



Red (33%)

Yellow (44%)

Blue (95%)

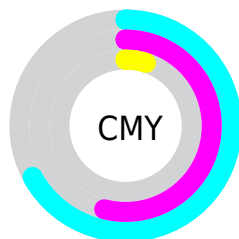


Cyan (65%)

Magenta (51%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (54%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4024, 21.3592, 87.5252 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 26.4024, 21.3592, 87.5252 by changing the saturation by 10% instead.

■ 26.4024, 21.3592,
87.5252

■ 26.4024, 21.3592,
87.5252

276.9725,
259.1813, 540.3081

■ 17.2592, 13.3868,
65.3678

■ 53.3501, 45.6846,
145.8013

■ 10.5159, 7.6954,
47.3062

■ 71.8853, 62.8064,
182.7570

■ 5.8072, 3.9007,
32.9217

■ 94.2818, 83.7467,
225.4827

■ 2.7677, 1.6182,
21.7958

■ 120.9051,
108.8901, 274.3968

■ 1.0322, 0.3698,
13.5101

152.1204,
138.6209, 329.9178

■ 0.0000, 0.0000,
7.6459

188.2932,

■ 0.0000, 0.0000,

173.3234, 392.4643

3.7847

229.7888,
213.3821, 462.4549

■ 0.0000, 0.0000,
1.5080

■ 0.0000, 0.0000,
0.2239

■ 26.4024, 21.3592,
87.5252

■ 26.4024, 21.3592,
87.5252

■ 22.5249, 16.3351,
86.7603

■ 31.5004, 27.6977,
88.4805

■ 19.7554, 12.5251,
86.1709

■ 37.9116, 35.4363,
89.6363

■ 17.9637, 9.8157,
85.7424

■ 45.7227, 44.6555,
91.0041

■ 17.3504, 8.8163,
85.5818

■ 55.0122, 55.4288,
92.5939

■ 65.8524, 67.8247,
94.4152

■ 78.3109, 81.9075,
96.4768

■ 92.4109, 97.7174,
98.7853

■ 93.1778, 99.2511,
99.0409

Harmonies

Analogous

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



18.4244, 21.3592, 94.4538



26.4024, 21.3592, 87.5252



34.2429, 21.3592, 59.3603

Triad

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



26.4024, 21.3592, 87.5252



30.6068, 21.3592, 3.3475



8.9755, 21.3592, 18.1365

Complementary

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



26.4024, 21.3592, 87.5252



61.6513, 65.8086, 18.0492

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.



10.7741, 21.3592, 5.9091



26.4024, 21.3592, 87.5252



22.3014, 21.3592, 1.5394

Square

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



26.4024, 21.3592, 87.5252



37.0629, 21.3592, 10.6649



15.2209, 21.3592, 2.0429



9.5531, 21.3592, 43.1563

Rectangle

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



26.4024, 21.3592, 87.5252



37.6904, 21.3592, 38.3806



15.2209, 21.3592, 2.0429



9.3026, 21.3592, 12.7414

Sweetspot

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



26.4034, 21.3598, 87.5258



67.1632, 68.4800, 104.2858



47.2780, 70.6253, 71.3121



13.6617, 13.8395, 22.2012



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.



26.4034, 21.3598, 87.5258



24.0200, 16.7306, 96.5711



28.5982, 17.6975, 86.7032



15.8615, 16.4873, 20.8889



9.6002, 4.9942, 46.9960



0.9149, 0.5811, 4.1542

Inverse Universe

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



43.4816, 26.8613, 20.0327



44.8464, 24.9730, 13.9214



57.0419, 76.7955, 20.4128



16.6407, 16.5391, 17.8544



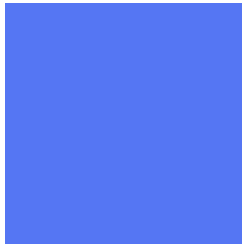
20.6502, 10.6035, 2.8666



1.8508, 0.9463, 0.4409

Previews

White Background



This preview shows how the XYZ color 26.4024, 21.3592, 87.5252 looks on a white background.

Color Contrast Check

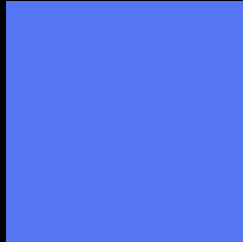
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4024, 21.3592, 87.5252 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 26.4024, 21.3592, 87.5252

Background



This preview shows how black text looks on a background with the XYZ color 26.4024, 21.3592, 87.5252.



This preview shows how white text looks on a background with the XYZ color 26.4024, 21.3592,

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

26.4024, 21.3592, 87.5252

Protanopia

25.2182, 21.3745, 91.6035

Deuteranopia

21.7154, 21.2466, 75.6295



Tritanopia

15.3765, 21.1937, 32.9861

Trichromacy



Original Color

26.4024, 21.3592, 87.5252

Protanomaly

25.5218, 21.3853, 89.9714

Deuteranomaly

22.6067, 20.8417, 79.9222

Tritanomaly

18.0904, 20.5632, 48.9146

Monochromacy



Original Color

26.4024, 21.3592, 87.5252

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.0270, 19.6791, 38.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4024, 21.3592, 87.5252 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(85, 118, 243)` looks like.

```
.text, #text, p{  
    color:rgb(85, 118, 243)  
}
```

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(85, 118, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 118, 243) }
```

Border

The CSS property to change the border of an element to XYZ 26.4024, 21.3592, 87.5252 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(85, 118, 243) }
```


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

```
.border{ border-color:rgb(85, 118, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 118, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 118, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 118, 243);  
box-shadow:4px 4px 4px 4px rgb(85, 118,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4024, 21.3592, 87.5252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 118, 243) }
```

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

```
.background{ background-color: rgb(85, 118,  
243) }
```

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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