

Converting Colors

XYZ(26.9438, 24.2096, 90.4425)

Have a look what the booklet for
XYZ(26.9438, 24.2096, 90.4425)
contains.

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Color

**XYZ(26.9357, 24.2131,
90.4427)**

Conversions

Conversions Part 1

Format	Color
Hex	3F84F6
RGB	63, 132, 246
RGB Percent	25%, 52%, 96%
CMY	0.7529, 0.4823, 0.0353
CMYK	0.74, 0.46, 0.00, 0.04
HSL	217°, 91%, 61%
HSV	217°, 74%, 96%
XYZ	26.9357, 24.2131, 90.4427
YIQ	124.3650, -77.7180, 20.8260

Conversions

Conversions Part 2

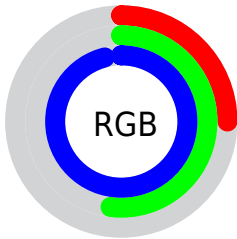
Format	Color
R _Y B	63, 113, 246
Decimal	4162806
CIE Lab	56.30, 16.78, -63.35
CIE LCh	56, 65.534, 284.838
Yxy	24.2131, 0.1902, 0.1710
Android (android.graphics.Color)	4282352886 (0xFF3F84F6)
YUV	124.3650, 59.9661, -53.8171
Hunter-Lab	49.2068, 11.5986, -74.5310

Details

The XYZ color **26.9357, 24.2131, 90.4427** 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 **54.6286, 51.4015, 11.7468**, and the grayscale version is **19.1062, 20.1012, 21.8902**.

A 20% lighter version of the original color is **44.8634, 46.4875, 101.2162**, and **12.3556, 10.0148, 49.4259** is the 20% darker color. If you saturate the color by 10%, you get **23.7728, 19.7208, 89.7429**, and if you desaturate by 10%, it is **31.1072, 29.6789, 91.2784**.

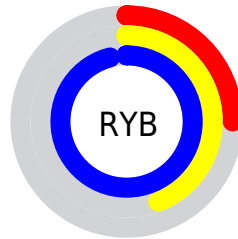
Distribution



Red (25%)

Green (52%)

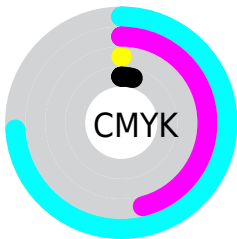
Blue (96%)



Red (25%)

Yellow (44%)

Blue (96%)

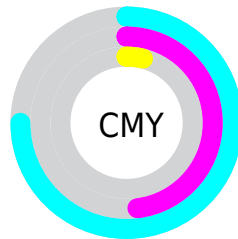


Cyan (74%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (75%)

Magenta (48%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9357, 24.2131, 90.4427 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 26.9357, 24.2131, 90.4427 by changing the saturation by 10% instead.

■ 26.9357, 24.2131,
90.4427

■ 26.9357, 24.2131,
90.4427

279.5189,
273.8961, 550.0771

■ 17.6613, 15.4918,
67.7721

■ 54.2013, 50.3777,
149.8941

■ 10.8053, 9.1652,
49.2468

■ 72.9232, 68.5898,
187.5119

■ 6.0024, 4.8491,
34.4483

■ 95.5249, 90.7343,
230.9492

■ 2.8872, 2.1590,
22.9581

■ 122.3718,
117.1955, 280.6246

■ 1.0944, 0.6975,
14.3576

153.8294,
148.3579, 336.9565

■ 0.0204, 0.0000,
8.2282

190.2628,

■ 0.0000, 0.0000,

184.6059, 400.3635

4.1514

232.0375,
226.3238, 471.2642

■ 0.0000, 0.0000,
1.7088

■ 0.0000, 0.0000,
0.3667

■ 26.9357, 24.2131,
90.4427

■ 26.9357, 24.2131,
90.4427

■ 23.7728, 19.7208,
89.7429

■ 31.1072, 29.6789,
91.2784

■ 21.5006, 16.1211,
89.1678

■ 36.3795, 36.1837,
92.2561

■ 20.5266, 14.4377,
88.8942

■ 42.8366, 43.7885,
93.3836

■ 50.5532, 52.5482,
94.6677

■ 59.5973, 62.5139,
96.1146

■ 70.0316, 73.7328,
97.7301

■ 81.9150, 86.2499,
99.5198

■ 93.5092, 99.1829,
101.4051

■ 93.6347, 99.4339,
101.4469

Harmonies

Analogous

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



19.4216, 24.2131, 90.3046



26.9357, 24.2131, 90.4427



34.8438, 24.2131, 68.2052

Triad

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



26.9357, 24.2131, 90.4427



34.9203, 24.2131, 6.5707



11.6525, 24.2131, 16.9157

Complementary

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



26.9357, 24.2131, 90.4427



54.6286, 51.4015, 11.7468

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.



14.2196, 24.2131, 6.5052



26.9357, 24.2131, 90.4427



27.0237, 24.2131, 3.1510

Square

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



26.9357, 24.2131, 90.4427



40.0942, 24.2131, 17.0850



19.4924, 24.2131, 3.1363



11.6390, 24.2131, 38.5101

Rectangle

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



26.9357, 24.2131, 90.4427



38.8145, 24.2131, 48.2886



19.4924, 24.2131, 3.1363



12.2154, 24.2131, 12.3424

Sweetspot

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



26.9368, 24.2138, 90.4434



67.1830, 70.5611, 104.6865



42.8289, 70.0980, 52.2724



13.7573, 14.4273, 22.3096



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.



26.9368, 24.2138, 90.4434



24.5039, 19.4148, 97.0637



22.1015, 12.1119, 88.3623



16.0931, 16.9505, 20.9661



11.0803, 7.9544, 47.4894



1.0694, 0.8902, 4.2057

Inverse Universe

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



43.9494, 24.8154, 24.3035



44.6716, 23.2990, 17.9466



64.7966, 82.2227, 17.1600



16.7576, 16.5859, 18.4699



21.3973, 10.9024, 6.8008



1.9289, 0.9775, 0.8517

Previews

White Background



This preview shows how the XYZ color 26.9357, 24.2131, 90.4427 looks on a white background.

Color Contrast Check

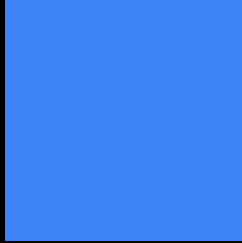
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9357, 24.2131, 90.4427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

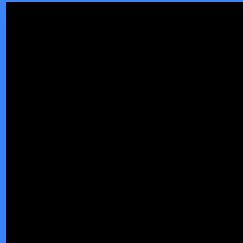
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

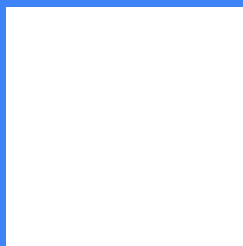
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9357, 24.2131, 90.4427

Background



This preview shows how black text looks on a background with the XYZ color 26.9357, 24.2131, 90.4427.



This preview shows how white text looks on a background with the XYZ color 26.9357, 24.2131,

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

26.9357, 24.2131, 90.4427

Protanopia

27.3723, 24.0747, 88.7922

Deuteranopia

24.9727, 24.3021, 87.3790



Tritanopia

17.0926, 24.0330, 36.9957

Trichromacy



Original Color

26.9357, 24.2131, 90.4427

Protanomaly

27.2702, 24.2029, 89.6205

Deuteranomaly

25.1950, 23.9812, 88.0949

Tritanomaly

19.5798, 23.5887, 52.8113

Monochromacy



Original Color

26.9357, 24.2131, 90.4427

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.1367, 20.8307, 40.0052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9357, 24.2131, 90.4427 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(63, 132, 246)` looks like.

```
.text, #text, p{  
    color:rgb(63, 132, 246)  
}
```

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(63, 132, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 132, 246) }
```

Border

The CSS property to change the border of an element to XYZ 26.9357, 24.2131, 90.4427 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(63, 132, 246) }
```


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

```
.border{ border-color:rgb(63, 132, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 132, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 132, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 132, 246);  
box-shadow:4px 4px 4px 4px rgb(63, 132,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9357, 24.2131, 90.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 132, 246) }
```

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

```
.background{ background-color: rgb(63, 132,  
246) }
```

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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