

Converting Colors

XYZ(28.4333, 20.4999, 92.4635)

Have a look what the booklet for
XYZ(28.4333, 20.4999, 92.4635)
contains.

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Color

**XYZ(28.3004, 20.4191,
92.0722)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6BF9
RGB	106, 107, 249
RGB Percent	42%, 42%, 98%
CMY	0.5843, 0.5804, 0.0235
CMYK	0.57, 0.57, 0.00, 0.02
HSL	240°, 92%, 70%
HSV	240°, 57%, 98%
XYZ	28.3004, 20.4191, 92.0722
YIQ	122.8890, -46.1780, 43.9500

Conversions

Conversions Part 2

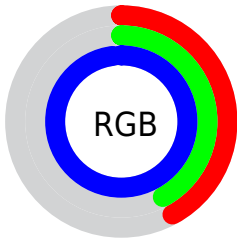
Format	Color
R _Y B	106, 107, 249
Decimal	6974457
CIE Lab	52.31, 39.45, -71.35
CIE LCh	52, 81.533, 298.936
Yxy	20.4191, 0.2010, 0.1450
Android (android.graphics.Color)	4285164537 (0xFF6A6BF9)
YUV	122.8890, 62.1727, -14.8117
Hunter-Lab	45.1875, 32.7143, -89.1756

Details

The XYZ color **28.3004, 20.4191, 92.0722** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.2385, 88.3197, 26.7195**, and the grayscale version is **18.6038, 19.5727, 21.3147**.

A 20% lighter version of the original color is **46.5966, 40.3411, 99.9384**, and **11.4746, 7.1507, 50.0657** is the 20% darker color. If you saturate the color by 10%, you get **23.5394, 14.6696, 91.2138**, and if you desaturate by 10%, it is **34.6590, 28.0862, 93.2175**.

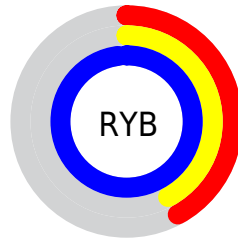
Distribution



Red (42%)

Green (42%)

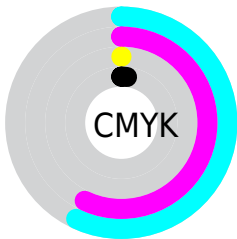
Blue (98%)



Red (42%)

Yellow (42%)

Blue (98%)

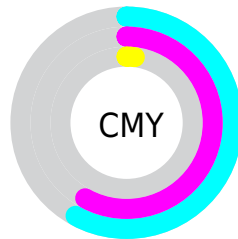


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (58%)

Magenta (58%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3004, 20.4191, 92.0722 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 28.3004, 20.4191, 92.0722 by changing the saturation by 10% instead.

■ 28.3004, 20.4191,
92.0722

■ 28.3004, 20.4191,
92.0722

285.9537,
254.1750, 555.4919

■ 18.6938, 12.7001,
69.1172

■ 56.3690, 44.1187,
152.1740

■ 11.5520, 7.2223,
50.3348

■ 75.5617, 60.8681,
190.1580

■ 6.5094, 3.6015,
35.3065

■ 98.6806, 81.3964,
233.9886

■ 3.2008, 1.4533,
23.6136

■ 126.0908,
106.0879, 284.0846

■ 1.2608, 0.2555,
14.8377

158.1579,
135.3272, 340.8643

■ 0.1536, 0.0000,
8.5602

195.2472,

■ 0.0000, 0.0000,

169.4985, 404.7464

4.3626

237.7240,
208.9863, 476.1495

■ 0.0000, 0.0000,
1.8263

■ 0.0000, 0.0000,
0.4452

■ 28.3004, 20.4191,
92.0722

■ 28.3004, 20.4191,
92.0722

■ 23.5394, 14.6696,
91.2138

■ 34.6590, 28.0862,
93.2175

■ 20.2317, 10.6669,
90.6156

■ 42.7369, 37.8181,
94.6701

■ 18.2122, 8.2134,
90.2485

■ 52.6472, 49.7496,
96.4508

■ 17.2670, 7.0566,
90.0750

■ 64.4930, 64.0039,
98.5778

■ 17.1178, 6.8772,
90.0482

■ 78.3692, 80.6947,
101.0681

■ 94.0990, 99.6196,
103.8920

Harmonies

Analogous

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



19.1098, 20.4191, 107.7292



28.3004, 20.4191, 92.0722



36.7536, 20.4191, 55.5841

Triad

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



28.3004, 20.4191, 92.0722



28.9726, 20.4191, 1.4988



7.3388, 20.4191, 21.3863

Complementary

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



28.3004, 20.4191, 92.0722



75.2385, 88.3197, 26.7195

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.



8.6139, 20.4191, 5.9044



28.3004, 20.4191, 92.0722



19.7087, 20.4191, 0.6059

Square

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



28.3004, 20.4191, 92.0722



37.2139, 20.4191, 6.5396



12.6054, 20.4191, 1.3612



8.4408, 20.4191, 52.8926

Rectangle

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



28.3004, 20.4191, 92.0722



39.9210, 20.4191, 32.3238



12.6054, 20.4191, 1.3612



7.4951, 20.4191, 14.4967

Sweetspot

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



28.3014, 20.4197, 92.0727



68.6319, 68.2277, 104.1597



56.5500, 77.5081, 99.6665



14.1117, 13.9078, 22.1906



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.



28.3014, 20.4197, 92.0727



24.1673, 14.6617, 96.1640



39.9600, 26.2770, 92.5888



16.2928, 16.6623, 21.7427



9.1670, 3.6896, 48.2026



0.8523, 0.3483, 4.4655

Inverse Universe

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



46.8757, 31.5109, 17.5217



45.4977, 27.4424, 10.5413



55.2738, 78.4822, 25.8729



17.2496, 17.2272, 17.9039



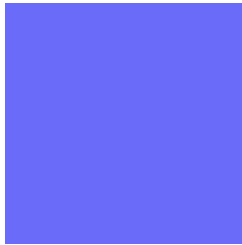
20.9191, 10.7834, 1.0165



1.9391, 0.9994, 0.1029

Previews

White Background



This preview shows how the XYZ color 28.3004, 20.4191, 92.0722 looks on a white background.

Color Contrast Check

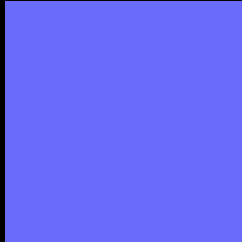
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3004, 20.4191, 92.0722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

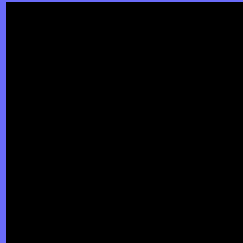
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3004, 20.4191, 92.0722

Background



This preview shows how black text looks on a background with the XYZ color 28.3004, 20.4191, 92.0722.



This preview shows how white text looks on a background with the XYZ color 28.3004, 20.4191,

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

28.3004, 20.4191, 92.0722

Protanopia

24.6059, 20.5887, 96.4431

Deuteranopia

20.6405, 20.3992, 71.2562



Tritanopia

15.7503, 20.1845, 29.8539

Trichromacy



Original Color

28.3004, 20.4191, 92.0722



Protanomaly

24.5381, 19.7211, 94.6087



Deuteranomaly

21.9770, 19.6338, 78.2327



Tritanomaly

18.9793, 19.4965, 47.5626

Monochromacy



Original Color

28.3004, 20.4191, 92.0722



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

20.8588, 19.3691, 40.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3004, 20.4191, 92.0722 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(106, 107, 249)` looks like.

```
.text, #text, p{  
    color:rgb(106, 107, 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(106, 107, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 107, 249) }
```

Border

The CSS property to change the border of an element to XYZ 28.3004, 20.4191, 92.0722 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(106, 107, 249) }
```


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

```
.border{ border-color:rgb(106, 107, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 107, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 107, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 107, 249);  
box-shadow:4px 4px 4px 4px rgb(106, 107,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3004, 20.4191, 92.0722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 107, 249) }
```

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

```
.background{ background-color: rgb(106,  
107, 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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