

Converting Colors

XYZ(28.9132, 20.7019, 92.9861)

Have a look what the booklet for
XYZ(28.9132, 20.7019, 92.9861)
contains.

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Color

**XYZ(28.9434, 20.7325,
92.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6BFA
RGB	110, 107, 250
RGB Percent	43%, 42%, 98%
CMY	0.5686, 0.5804, 0.0196
CMYK	0.56, 0.57, 0.00, 0.02
HSL	241°, 93%, 70%
HSV	241°, 57%, 98%
XYZ	28.9434, 20.7325, 92.9188
YIQ	124.1990, -44.1150, 45.1090

Conversions

Conversions Part 2

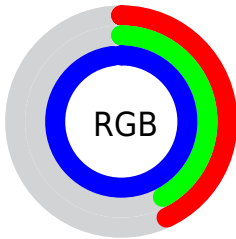
Format	Color
R _Y B	110, 107, 250
Decimal	7236602
CIE Lab	52.66, 40.46, -71.33
CIE LCh	53, 82.008, 299.561
Yxy	20.7325, 0.2030, 0.1454
Android (android.graphics.Color)	4285426682 (0xFF6E6BFA)
YUV	124.1990, 62.0199, -12.4525
Hunter-Lab	45.5330, 33.7823, -89.1196

Details

The XYZ color **28.9434, 20.7325, 92.9188** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.1955, 89.2063, 27.1654**, and the grayscale version is **19.0357, 20.0270, 21.8094**.

A 20% lighter version of the original color is **47.2427, 40.6742, 99.9687**, and **11.8413, 7.3270, 50.6593** is the 20% darker color. If you saturate the color by 10%, you get **24.0676, 14.8931, 92.0492**, and if you desaturate by 10%, it is **35.4152, 28.5128, 94.0799**.

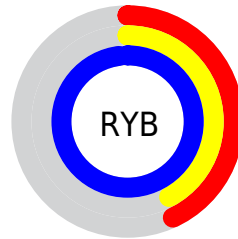
Distribution



Red (43%)

Green (42%)

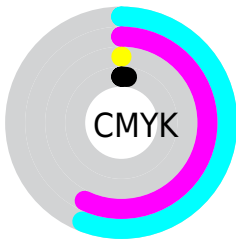
Blue (98%)



Red (43%)

Yellow (42%)

Blue (98%)

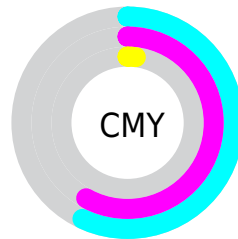


Cyan (56%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (57%)

Magenta (58%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9434, 20.7325, 92.9188 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 28.9434, 20.7325, 92.9188 by changing the saturation by 10% instead.

■ 28.9434, 20.7325,
92.9188

■ 28.9434, 20.7325,
92.9188

288.9468,
255.8534, 558.2938

■ 19.1821, 12.9286,
69.8167

■ 57.3853, 44.6419,
153.3569

■ 11.9067, 7.3794,
50.9013

■ 76.7966, 61.5162,
191.5300

■ 6.7519, 3.7005,
35.7538

■ 100.1553, 82.1828,
235.5639

■ 3.3524, 1.5075,
23.9560

■ 127.8268,
107.0260, 285.8771

■ 1.3427, 0.2940,
15.0891

160.1763,
136.4303, 342.8882

■ 0.2149, 0.0000,
8.7346

197.5692,

■ 0.0000, 0.0000,

170.7801, 407.0156

4.4740

240.3709,
210.4596, 478.6780

■ 0.0000, 0.0000,
1.8888

■ 0.0000, 0.0000,
0.4856

■ 28.9434, 20.7325,
92.9188

■ 28.9434, 20.7325,
92.9188

■ 24.0676, 14.8931,
92.0492

■ 35.4152, 28.5128,
94.0799

■ 20.6466, 10.8224,
91.4437

■ 43.6018, 38.3827,
95.5536

■ 18.5200, 8.3209,
91.0730

■ 53.6145, 50.4785,
97.3605

■ 17.4845, 7.1331,
90.8983

■ 65.5541, 64.9243,
99.5196

■ 17.3212, 6.9361,
90.8689

■ 79.5143, 81.8352,
102.0479

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



19.5804, 20.7325, 109.5004



28.9434, 20.7325, 92.9188



37.4737, 20.7325, 55.6626

Triad

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



28.9434, 20.7325, 92.9188



29.2250, 20.7325, 1.4740



7.4439, 20.7325, 22.2168

Complementary

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



28.9434, 20.7325, 92.9188



75.1955, 89.2063, 27.1654

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.



8.6870, 20.7325, 6.1713



28.9434, 20.7325, 92.9188



19.8313, 20.7325, 0.6138

Square

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



28.9434, 20.7325, 92.9188



37.6666, 20.7325, 6.4371



12.6779, 20.7325, 1.4165



8.6146, 20.7325, 54.5347

Rectangle

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



28.9434, 20.7325, 92.9188



40.6068, 20.7325, 32.1867



12.6779, 20.7325, 1.4165



7.5862, 20.7325, 15.0957

Sweetspot

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



28.9444, 20.7331, 92.9194



68.8196, 68.2128, 104.1469



56.7688, 76.9277, 102.2995



14.1553, 13.9043, 22.1877



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.



28.9444, 20.7331, 92.9194



24.3947, 14.6468, 96.1491



41.5420, 27.2274, 93.5089



16.3168, 16.6604, 21.7411



9.2024, 3.6867, 48.2001



0.8638, 0.3474, 4.4647

Inverse Universe

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



61.4700, 37.5547, 92.0002



61.4997, 33.8432, 94.8069



54.7707, 78.6769, 26.2095



17.9764, 17.5179, 21.7313



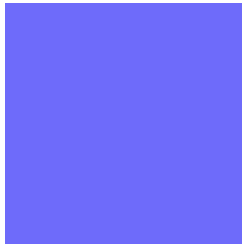
29.6407, 14.2720, 46.9439



2.7501, 1.3238, 4.3735

Previews

White Background



This preview shows how the XYZ color 28.9434, 20.7325, 92.9188 looks on a white background.

Color Contrast Check

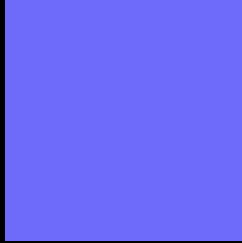
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9434, 20.7325, 92.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

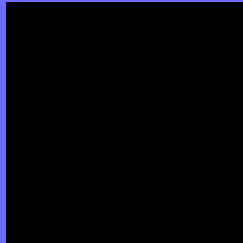
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9434, 20.7325, 92.9188

Background



This preview shows how black text looks on a background with the XYZ color 28.9434, 20.7325, 92.9188.



This preview shows how white text looks on a background with the XYZ color 28.9434, 20.7325,

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

28.9434, 20.7325, 92.9188

Protanopia

25.1185, 21.0139, 97.3399

Deuteranopia

21.0385, 20.7661, 72.7114



Tritanopia

16.4508, 20.7429, 30.3309

Trichromacy



Original Color

28.9434, 20.7325, 92.9188

Protanomaly

25.3403, 20.2864, 95.5086

Deuteranomaly

22.2995, 19.7673, 79.7309

Tritanomaly

19.7317, 20.0592, 48.1792

Monochromacy



Original Color

28.9434, 20.7325, 92.9188

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.3419, 19.7811, 40.7235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9434, 20.7325, 92.9188 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(110, 107, 250)` looks like.

```
.text, #text, p{  
    color:rgb(110, 107, 250)  
}
```

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(110, 107, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 107, 250) }
```

Border

The CSS property to change the border of an element to XYZ 28.9434, 20.7325, 92.9188 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(110, 107, 250) }
```


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

```
.border{ border-color:rgb(110, 107, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 107, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 107, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 107, 250);  
box-shadow:4px 4px 4px 4px rgb(110, 107,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9434, 20.7325, 92.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 107, 250) }
```

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

```
.background{ background-color: rgb(110,  
107, 250) }
```

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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