

Converting Colors

XYZ(28.1637, 20.1364, 94.8721)

Have a look what the booklet for
XYZ(28.1637, 20.1364, 94.8721)
contains.

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Color

**XYZ(28.0915, 20.1030,
94.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	656AFC
RGB	101, 106, 252
RGB Percent	40%, 42%, 99%
CMY	0.6039, 0.5843, 0.0118
CMYK	0.60, 0.58, 0.00, 0.01
HSL	238°, 96%, 69%
HSV	238°, 60%, 99%
XYZ	28.0915, 20.1030, 94.4951
YIQ	121.1490, -49.8460, 44.3460

Conversions

Conversions Part 2

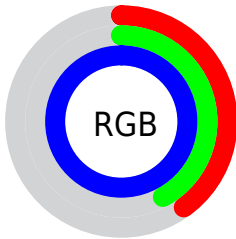
Format	Color
RYB	101, 106, 252
Decimal	6646524
CIELab	51.95, 40.15, -73.61
CIELCh	52, 83.849, 298.611
Yxy	20.1030, 0.1969, 0.1409
Android (android.graphics.Color)	4284836604 (0xFF656AFC)
YUV	121.1490, 64.5095, -17.6707
Hunter-Lab	44.8364, 33.3726, -93.5715

Details

The XYZ color **28.0915, 20.1030, 94.4951** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.7576, 88.1617, 25.3379**, and the grayscale version is **18.0327, 18.9718, 20.6603**.

A 20% lighter version of the original color is **45.4168, 39.2265, 99.7855**, and **11.4267, 7.0875, 51.8047** is the 20% darker color. If you saturate the color by 10%, you get **23.5257, 14.5364, 93.6618**, and if you desaturate by 10%, it is **34.2372, 27.5428, 95.6077**.

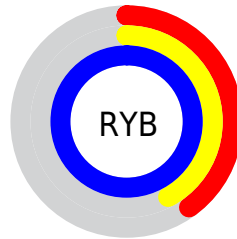
Distribution



Red (40%)

Green (42%)

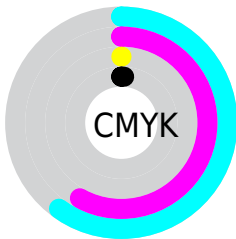
Blue (99%)



Red (40%)

Yellow (42%)

Blue (99%)

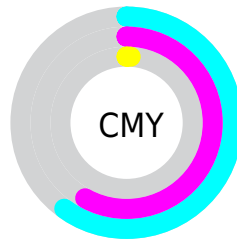


Cyan (60%)

Magenta (58%)

Yellow (0%)

Black (1%)



Cyan (60%)

Magenta (58%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0915, 20.1030, 94.4951 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 28.0915, 20.1030, 94.4951 by changing the saturation by 10% instead.

■ 28.0915, 20.1030,
94.4951

■ 28.0915, 20.1030,
94.4951

284.9760,
252.4722, 563.4903

■ 18.5355, 12.4699,
71.1203

■ 56.0381, 43.5898,
155.5565

■ 11.4371, 7.0646,
51.9579

■ 75.1594, 60.2123,
194.0800

■ 6.4311, 3.5025,
36.5895

■ 98.1998, 80.6001,
238.4903

■ 3.1521, 1.3994,
24.5965

■ 125.5247,
105.1376, 289.2057

■ 1.2347, 0.2163,
15.5604

157.4994,
134.2092, 346.6449

■ 0.1335, 0.0000,
9.0627

194.4893,

■ 0.0000, 0.0000,

168.1992, 411.2264

4.6847

236.8597,
207.4921, 483.3687

■ 0.0000, 0.0000,
2.0080

■ 0.0000, 0.0000,
0.5602

■ 28.0915, 20.1030,
94.4951

■ 28.0915, 20.1030,
94.4951

■ 23.5257, 14.5364,
93.6618

■ 34.2372, 27.5428,
95.6077

■ 20.3927, 10.6746,
93.0815

■ 42.0862, 37.0009,
97.0196

■ 18.5229, 8.3224,
92.7260

■ 51.7533, 48.6100,
98.7509

■ 17.6660, 7.2149,
92.5574

■ 63.3424, 62.4911,
100.8194

■ 17.6612, 7.2092,
92.5566

■ 76.9497, 78.7562,
103.2417

■ 92.6646, 97.5098,
106.0332

■ 94.5708, 99.8083,
106.3764

Harmonies

Analogous

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



18.7123, 20.1030, 110.5002



28.0915, 20.1030, 94.4951



36.8172, 20.1030, 56.6239

Triad

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



28.0915, 20.1030, 94.4951



28.9918, 20.1030, 1.2891



6.9496, 20.1030, 20.7692

Complementary

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



28.0915, 20.1030, 94.4951



75.7576, 88.1617, 25.3379

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.



8.2437, 20.1030, 5.4017



28.0915, 20.1030, 94.4951



19.5079, 20.1030, 0.4021

Square

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



28.0915, 20.1030, 94.4951



37.4366, 20.1030, 6.2159



12.2774, 20.1030, 1.1243



8.0186, 20.1030, 52.9863

Rectangle

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



28.0915, 20.1030, 94.4951



40.1302, 20.1030, 32.5422



12.2774, 20.1030, 1.1243



7.1130, 20.1030, 13.8583

Sweetspot

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



28.0925, 20.1036, 94.4956



67.5722, 67.1887, 104.0150



56.9617, 79.1017, 100.2353



13.6518, 13.4104, 22.1189



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.



28.0925, 20.1036, 94.4956



23.3649, 13.9486, 96.0686



39.1226, 25.0481, 94.8687



16.3290, 16.7349, 21.7548



9.2205, 3.7966, 48.2204



0.8697, 0.3830, 4.4713

Inverse Universe

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



47.4010, 31.0450, 17.1297



44.8750, 26.3600, 9.8314



56.3422, 80.4497, 24.8727



17.2679, 17.2345, 18.0004



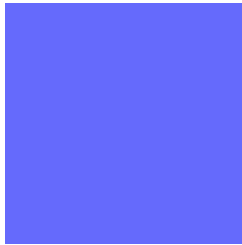
20.9461, 10.7942, 1.1587



1.9479, 1.0029, 0.1490

Previews

White Background



This preview shows how the XYZ color 28.0915, 20.1030, 94.4951 looks on a white background.

Color Contrast Check

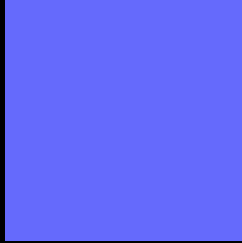
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0915, 20.1030, 94.4951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

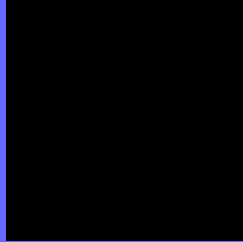
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0915, 20.1030, 94.4951

Background



This preview shows how black text looks on a background with the XYZ color 28.0915, 20.1030, 94.4951.



This preview shows how white text looks on a background with the XYZ color 28.0915, 20.1030,

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

28.0915, 20.1030, 94.4951

Protanopia

24.1675, 20.2219, 94.7249

Deuteranopia

20.1157, 19.9837, 69.1267



Tritanopia

15.2685, 20.1333, 30.2755

Trichromacy



Original Color

28.0915, 20.1030, 94.4951

Protanomaly

24.3510, 19.4562, 94.5675

Deuteranomaly

21.6427, 19.3001, 77.4475

Tritanomaly

18.4904, 19.2202, 48.6343

Monochromacy



Original Color

28.0915, 20.1030, 94.4951

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.3463, 18.9328, 40.1181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0915, 20.1030, 94.4951 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(101, 106, 252)` looks like.

```
.text, #text, p{  
    color:rgb(101, 106, 252)  
}
```

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(101, 106, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 106, 252) }
```

Border

The CSS property to change the border of an element to XYZ 28.0915, 20.1030, 94.4951 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(101, 106, 252) }
```


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

```
.border{ border-color:rgb(101, 106, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 106, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 106, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 106, 252);  
box-shadow:4px 4px 4px 4px rgb(101, 106,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0915, 20.1030, 94.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 106, 252) }
```

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

```
.background{ background-color: rgb(101,  
106, 252) }
```

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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