

Converting Colors

XYZ(28.3347, 19.2686, 95.4133)

Have a look what the booklet for
XYZ(28.3347, 19.2686, 95.4133)
contains.

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Color

**XYZ(28.3502, 19.3320,
95.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	6B64FD
RGB	107, 100, 253
RGB Percent	42%, 39%, 99%
CMY	0.5804, 0.6078, 0.0078
CMYK	0.58, 0.60, 0.00, 0.01
HSL	243°, 97%, 69%
HSV	243°, 60%, 99%
XYZ	28.3502, 19.3320, 95.1657
YIQ	119.5350, -44.9410, 49.0670

Conversions

Conversions Part 2

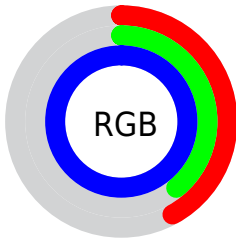
Format	Color
R _Y B	107, 100, 253
Decimal	7038205
CIE Lab	51.07, 44.96, -75.58
CIE LCh	51, 87.942, 300.750
Yxy	19.3320, 0.1985, 0.1353
Android (android.graphics.Color)	4285228285 (0xFF6B64FD)
YUV	119.5350, 65.7982, -10.9932
Hunter-Lab	43.9682, 38.1506, -97.5509

Details

The XYZ color **28.3502, 19.3320, 95.1657** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.4294, 90.7626, 25.6000**, and the grayscale version is **17.5130, 18.4250, 20.0648**.

A 20% lighter version of the original color is **45.4788, 37.7882, 99.5046**, and **11.5303, 6.6291, 52.3016** is the 20% darker color. If you saturate the color by 10%, you get **23.7810, 13.9164, 94.3617**, and if you desaturate by 10%, it is **34.4845, 26.6724, 96.2597**.

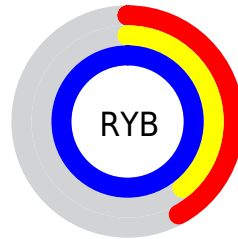
Distribution



Red (42%)

Green (39%)

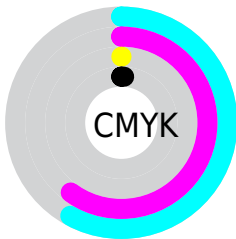
Blue (99%)



Red (42%)

Yellow (39%)

Blue (99%)

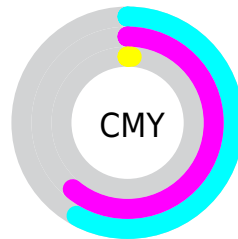


Cyan (58%)

Magenta (60%)

Yellow (0%)

Black (1%)



Cyan (58%)

Magenta (61%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3502, 19.3320, 95.1657 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 28.3502, 19.3320, 95.1657 by changing the saturation by 10% instead.

■ 28.3502, 19.3320,
95.1657

■ 28.3502, 19.3320,
95.1657

286.1864,
248.2755, 565.6932

■ 18.7316, 11.9104,
71.6752

■ 56.4478, 42.2944,
156.4911

■ 11.5794, 6.6827,
52.4082

■ 75.6575, 58.6039,
195.1630

■ 6.5281, 3.2645,
36.9461

■ 98.7950, 78.6449,
239.7326

■ 3.2125, 1.2713,
24.8703

■ 126.2257,
102.8018, 290.6183

■ 1.2671, 0.1188,
15.7623

158.3147,
131.4589, 348.2387

■ 0.1584, 0.0000,
9.2036

195.4276,

■ 0.0000, 0.0000,

165.0006, 413.0122

4.7756

237.9297,
203.8113, 485.3576

■ 0.0000, 0.0000,
2.0598

■ 0.0000, 0.0000,
0.5917

■ 28.3502, 19.3320,
95.1657

■ 28.3502, 19.3320,
95.1657

■ 23.7810, 13.9164,
94.3617

■ 34.4845, 26.6724,
96.2597

■ 20.6322, 10.2435,
93.8187

■ 42.3054, 36.0940,
97.6660

■ 18.7375, 8.0994,
93.5047

■ 51.9258, 47.7387,
99.4067

■ 17.8756, 7.1671,
93.3702

■ 63.4480, 61.7358,
101.5011

■ 76.9667, 78.2045,
103.9673

■ 92.5701, 97.2560,
106.8223

■ 94.7297, 99.8719,
107.2134

Harmonies

Analogous

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



18.5949, 19.3320, 114.8324



28.3502, 19.3320, 95.1657



37.2304, 19.3320, 54.3116

Triad

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



28.3502, 19.3320, 95.1657



27.8455, 19.3320, 0.7920



6.1908, 19.3320, 21.6843

Complementary

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



28.3502, 19.3320, 95.1657



75.4294, 90.7626, 25.6000

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.



7.2840, 19.3320, 5.2240



28.3502, 19.3320, 95.1657



18.1558, 19.3320, 0.0086

Square

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



28.3502, 19.3320, 95.1657



36.8799, 19.3320, 4.8056



11.0655, 19.3320, 0.8725



7.4031, 19.3320, 56.3863

Rectangle

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



28.3502, 19.3320, 95.1657



40.3899, 19.3320, 29.7500



11.0655, 19.3320, 0.8725



6.2963, 19.3320, 14.2355

Sweetspot

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



28.3512, 19.3325, 95.1662



67.7969, 66.7488, 103.9183



56.5221, 76.8749, 104.7883



13.7052, 13.3060, 22.0959



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.



28.3512, 19.3325, 95.1662



23.2599, 13.0513, 95.9010



41.4841, 26.1028, 95.7808



17.0799, 17.4174, 22.7116



9.5412, 3.8291, 49.6708



0.9549, 0.3862, 4.8375

Inverse Universe

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



61.6989, 36.6505, 91.0058



60.0664, 32.1808, 90.6169



54.3076, 79.8740, 24.6116



18.7546, 18.2852, 22.5909



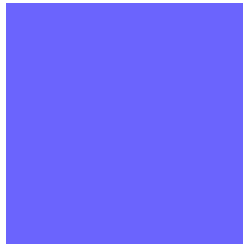
30.0431, 14.5065, 45.7391



2.9359, 1.4167, 4.5097

Previews

White Background



This preview shows how the XYZ color 28.3502, 19.3320, 95.1657 looks on a white background.

Color Contrast Check

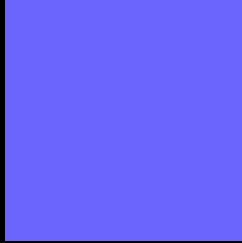
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3502, 19.3320, 95.1657 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 28.3502, 19.3320, 95.1657

Background



This preview shows how black text looks on a background with the XYZ color 28.3502, 19.3320, 95.1657.



This preview shows how white text looks on a background with the XYZ color 28.3502, 19.3320,

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

28.3502, 19.3320, 95.1657

Protanopia

23.1498, 19.4380, 90.5275

Deuteranopia

19.3453, 19.2703, 66.3183



Tritanopia

14.9854, 19.2097, 28.5092

Trichromacy



Original Color

28.3502, 19.3320, 95.1657

Protanomaly

23.6200, 18.6398, 91.9755

Deuteranomaly

20.9710, 18.2942, 75.8246

Tritanomaly

18.3019, 18.4300, 46.8487

Monochromacy



Original Color

28.3502, 19.3320, 95.1657

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.0432, 18.2822, 39.5182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3502, 19.3320, 95.1657 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(107, 100, 253)` looks like.

```
.text, #text, p{  
    color:rgb(107, 100, 253)  
}
```

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(107, 100, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 100, 253) }
```

Border

The CSS property to change the border of an element to XYZ 28.3502, 19.3320, 95.1657 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(107, 100, 253) }
```


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

```
.border{ border-color:rgb(107, 100, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 100, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 100, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 100, 253);  
box-shadow:4px 4px 4px 4px rgb(107, 100,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3502, 19.3320, 95.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 100, 253) }
```

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

```
.background{ background-color: rgb(107,  
100, 253) }
```

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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