

Converting Colors

XYZ(30.1017, 20.8647, 97.0485)

Have a look what the booklet for
XYZ(30.1017, 20.8647, 97.0485)
contains.

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Color

**XYZ(30.1718, 20.9680,
97.0647)**

Conversions

Conversions Part 1

Format	Color
Hex	7369FF
RGB	115, 105, 255
RGB Percent	45%, 41%, 100%
CMY	0.5490, 0.5882, 0.0000
CMYK	0.55, 0.59, 0.00, 0.00
HSL	244°, 100%, 71%
HSV	244°, 59%, 100%
XYZ	30.1718, 20.9680, 97.0647
YIQ	125.0900, -42.1900, 48.7700

Conversions

Conversions Part 2

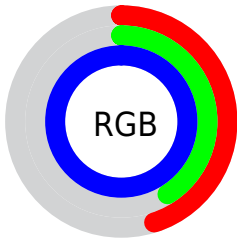
Format	Color
R _Y B	115, 105, 255
Decimal	7563775
CIE Lab	52.91, 44.04, -73.67
CIE LCh	53, 85.825, 300.870
Yxy	20.9680, 0.2036, 0.1415
Android (android.graphics.Color)	4285753855 (0xFF7369FF)
YUV	125.0900, 64.0456, -8.8489
Hunter-Lab	45.7908, 37.4806, -93.6259

Details

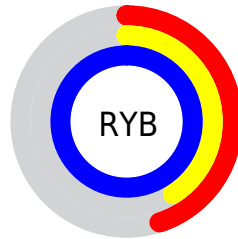
The XYZ color **30.1718, 20.9680, 97.0647** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.9639, 91.9513, 27.1094**, and the grayscale version is **19.3257, 20.3321, 22.1417**.

A 20% lighter version of the original color is **48.0115, 40.5640, 99.9069**, and **12.5799, 7.4929, 53.6066** is the 20% darker color. If you saturate the color by 10%, you get **25.2171, 15.1192, 96.1969**, and if you desaturate by 10%, it is **36.7144, 28.7910, 98.2299**.

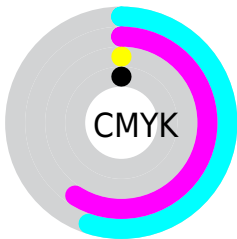
Distribution



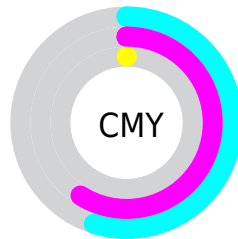
- Red (45%)
- Green (41%)
- Blue (100%)



- Red (45%)
- Yellow (41%)
- Blue (100%)



- Cyan (55%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1718, 20.9680, 97.0647 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 30.1718, 20.9680, 97.0647 by changing the saturation by 10% instead.

■ 30.1718, 20.9680,
97.0647

■ 30.1718, 20.9680,
97.0647

294.5999,
257.1084, 571.9063

■ 20.1177, 13.1006,
73.2483

■ 59.3185, 45.0343,
159.1340

■ 12.5894, 7.4979,
53.6859

■ 79.1419, 62.0019,
198.2240

■ 7.2215, 3.7754,
37.9592

■ 102.9525, 82.7718,
243.2423

■ 3.6486, 1.5487,
25.6494

■ 131.1155,
107.7283, 294.6073

■ 1.5053, 0.3226,
16.3381

163.9964,
137.2559, 352.7377

■ 0.3294, 0.0000,
9.6068

201.9605,

■ 0.0000, 0.0000,

171.7388, 418.0520

5.0369

245.3733,
211.5615, 490.9686

■ 0.0000, 0.0000,
2.2098

■ 0.0000, 0.0000,
0.6800

■ 30.1718, 20.9680,
97.0647

■ 30.1718, 20.9680,
97.0647

■ 25.2171, 15.1192,
96.1969

■ 36.7144, 28.7910,
98.2299

■ 21.7121, 11.0662,
95.5994

■ 44.9620, 38.7420,
99.7159

■ 19.4993, 8.6013,
95.2402

■ 55.0238, 50.9614,
101.5442

■ 18.3672, 7.4319,
95.0742

■ 66.9990, 65.5773,
103.7342

■ 18.2814, 7.3393,
95.0608

■ 80.9799, 82.7081,
106.3039

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



20.1928, 20.9680, 116.6274



30.1718, 20.9680, 97.0647



39.1480, 20.9680, 56.3751

Triad

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



30.1718, 20.9680, 97.0647



29.5769, 20.9680, 1.1474



7.1663, 20.9680, 23.5898

Complementary

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



30.1718, 20.9680, 97.0647



75.9639, 91.9513, 27.1094

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.



8.3278, 20.9680, 6.2229



30.1718, 20.9680, 97.0647



19.6684, 20.9680, 0.3787

Square

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



30.1718, 20.9680, 97.0647



38.7381, 20.9680, 5.6920



12.3151, 20.9680, 1.2528



8.4752, 20.9680, 58.7849

Rectangle

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



30.1718, 20.9680, 97.0647



42.3135, 20.9680, 31.6152



12.3151, 20.9680, 1.2528



7.2765, 20.9680, 15.8456

Sweetspot

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



30.1728, 20.9686, 97.0648



68.0731, 66.8911, 103.9312



56.5282, 75.5281, 106.2068



13.7709, 13.3398, 22.0990



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.



30.1728, 20.9686, 97.0648



24.3357, 14.0906, 96.0449



44.3369, 28.2705, 97.7277



17.1152, 17.4356, 22.7133



9.5939, 3.8563, 49.6733



0.9715, 0.3948, 4.8383

Inverse Universe

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



62.7721, 37.9555, 90.3990



59.8514, 32.6173, 87.8739



54.8875, 81.0860, 26.1231



18.7373, 18.2782, 22.4996



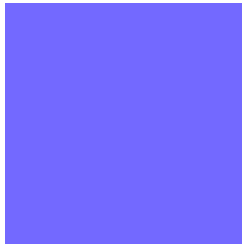
29.6342, 14.3430, 43.5856



2.9005, 1.4026, 4.3235

Previews

White Background



This preview shows how the XYZ color 30.1718, 20.9680, 97.0647 looks on a white background.

Color Contrast Check

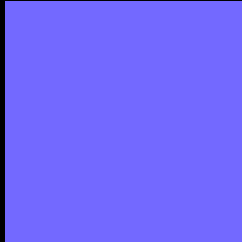
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1718, 20.9680, 97.0647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

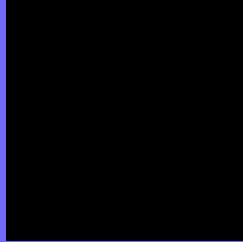
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1718, 20.9680, 97.0647

Background



This preview shows how black text looks on a background with the XYZ color 30.1718, 20.9680, 97.0647.



This preview shows how white text looks on a background with the XYZ color 30.1718, 20.9680,

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

30.1718, 20.9680, 97.0647

Protanopia

25.2641, 21.0889, 97.3468

Deuteranopia

21.1695, 21.0282, 72.7551



Tritanopia

16.8328, 20.9398, 30.3487

Trichromacy



Original Color

30.1718, 20.9680, 97.0647



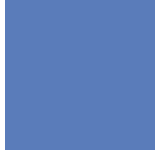
Protanomaly

25.8681, 20.3513, 97.1725



Deuteranomaly

22.6667, 19.9233, 81.2482



Tritanomaly

20.2870, 20.1341, 49.2714

Monochromacy



Original Color

30.1718, 20.9680, 97.0647



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

21.8100, 20.0004, 41.7407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1718, 20.9680, 97.0647 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(115, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 255)  
}
```

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(115, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.1718, 20.9680, 97.0647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

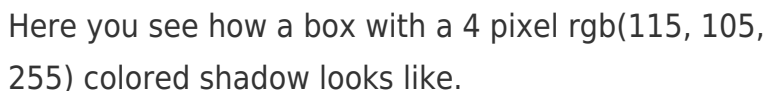
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 105, 255) }
```


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

```
.border{ border-color:rgb(115, 105, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 105,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1718, 20.9680, 97.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 105, 255) }
```

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

```
.background{ background-color: rgb(115,  
105, 255) }
```

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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