

Converting Colors

XYZ(30.0556, 22.4516, 92.3720)

Have a look what the booklet for
XYZ(30.0556, 22.4516, 92.3720)
contains.

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Color

**XYZ(30.0556, 22.4516,
92.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	7272F9
RGB	114, 114, 249
RGB Percent	45%, 45%, 98%
CMY	0.5529, 0.5529, 0.0235
CMYK	0.54, 0.54, 0.00, 0.02
HSL	240°, 92%, 71%
HSV	240°, 54%, 98%
XYZ	30.0556, 22.4516, 92.3720
YIQ	129.3900, -43.3350, 41.9850

Conversions

Conversions Part 2

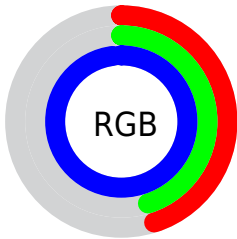
Format	Color
RYB	114, 114, 249
Decimal	7500537
CIELab	54.50, 36.75, -67.77
CIELCh	55, 77.098, 298.469
Yxy	22.4516, 0.2075, 0.1550
Android (android.graphics.Color)	4285690617 (0xFF7272F9)
YUV	129.3900, 58.9677, -13.4970
Hunter-Lab	47.3831, 30.3039, -82.4159

Details

The XYZ color **30.0556, 22.4516, 92.3720** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.9785, 89.1056, 29.1145**, and the grayscale version is **20.8144, 21.8983, 23.8473**.

A 20% lighter version of the original color is **49.1418, 43.4911, 100.4123**, and **12.5894, 8.2830, 50.8044** is the 20% darker color. If you saturate the color by 10%, you get **24.8099, 16.1303, 91.4289**, and if you desaturate by 10%, it is **36.9489, 30.7570, 93.6123**.

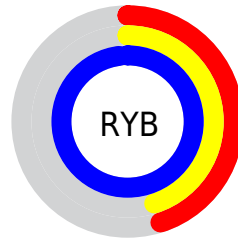
Distribution



Red (45%)

Green (45%)

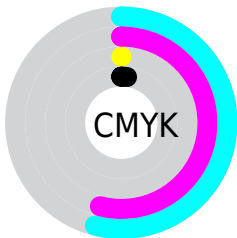
Blue (98%)



Red (45%)

Yellow (45%)

Blue (98%)

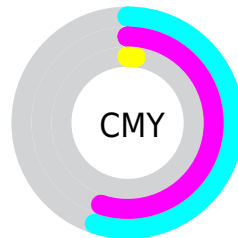


Cyan (54%)

Magenta (54%)

Yellow (0%)

Black (2%)



Cyan (55%)

Magenta (55%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0556, 22.4516, 92.3720 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 30.0556, 22.4516, 92.3720 by changing the saturation by 10% instead.

■ 30.0556, 22.4516,
92.3720

■ 30.0556, 22.4516,
92.3720

294.0687,
264.8956, 556.4850

■ 20.0291, 14.1891,
69.3649

■ 59.1361, 47.4913,
152.5930

■ 12.5246, 8.2523,
50.5353

■ 78.9208, 65.0372,
190.6440

■ 7.1767, 4.2568,
35.4648

■ 102.6890, 86.4465,
234.5468

■ 3.6202, 1.8182,
23.7347

■ 130.8059,
112.1034, 284.7197

■ 1.4896, 0.4985,
14.9266

163.6370,
142.3924, 341.5815

■ 0.3187, 0.0000,
8.6218

201.5476,

■ 0.0000, 0.0000,

177.6978, 405.5506

4.4019

244.9030,
218.4041, 477.0456

■ 0.0000, 0.0000,
1.8483

■ 0.0000, 0.0000,
0.4595

■ 30.0556, 22.4516,
92.3720

■ 30.0556, 22.4516,
92.3720

■ 24.8099, 16.1303,
91.4289

■ 36.9489, 30.7570,
93.6123

■ 21.0716, 11.6261,
90.7565

■ 45.6084, 41.1911,
95.1699

■ 18.6829, 8.7479,
90.3268

■ 56.1452, 53.8873,
97.0651

■ 17.4490, 7.2612,
90.1049

■ 68.6605, 68.9676,
99.3163

■ 17.0991, 6.8397,
90.0420

■ 83.2483, 86.5451,
101.9403

■ 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.



20.9085, 22.4516, 106.6559



30.0556, 22.4516, 92.3720



38.3926, 22.4516, 57.7324

Triad

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



30.0556, 22.4516, 92.3720



31.0102, 22.4516, 2.3700



8.8732, 22.4516, 23.2238

Complementary

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



30.0556, 22.4516, 92.3720



75.9785, 89.1056, 29.1145

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.



10.2738, 22.4516, 7.2969



30.0556, 22.4516, 92.3720



21.7766, 22.4516, 1.1983

Square

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



30.0556, 22.4516, 92.3720



39.0382, 22.4516, 8.3014



14.4961, 22.4516, 2.1173



10.0094, 22.4516, 53.9976

Rectangle

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



30.0556, 22.4516, 92.3720



41.5370, 22.4516, 34.9733



14.4961, 22.4516, 2.1173



9.0538, 22.4516, 16.2766

Sweetspot

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



30.0566, 22.4523, 92.3726



69.9376, 69.7409, 104.3830



57.9144, 78.1688, 101.6587



14.3663, 14.2006, 22.2337



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.



30.0566, 22.4523, 92.3726



25.7877, 16.5430, 96.4417



42.2901, 28.7589, 92.9451



16.2832, 16.6431, 21.7395



9.1529, 3.6612, 48.1978



0.8477, 0.3391, 4.4639

Inverse Universe

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



62.1827, 39.0140, 93.8719



62.8822, 35.6660, 98.1724



56.0869, 78.8511, 28.1836



17.9931, 17.5246, 21.8194



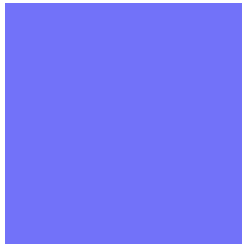
30.0639, 14.4413, 49.1724



2.7844, 1.3375, 4.5543

Previews

White Background



This preview shows how the XYZ color 30.0556, 22.4516, 92.3720 looks on a white background.

Color Contrast Check

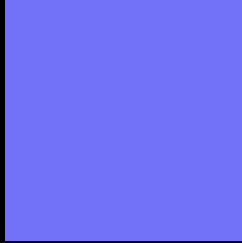
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0556, 22.4516, 92.3720 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 30.0556, 22.4516, 92.3720

Background



This preview shows how black text looks on a background with the XYZ color 30.0556, 22.4516, 92.3720.

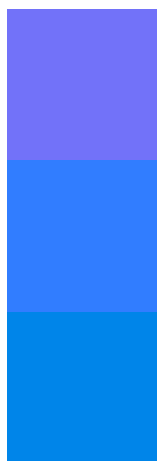


This preview shows how white text looks on a background with the XYZ color 30.0556, 22.4516,

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

30.0556, 22.4516, 92.3720

Protanopia

26.6502, 22.5402, 97.5538

Deuteranopia

23.0955, 22.6582, 80.2470



Tritanopia

17.9621, 22.3295, 32.2175

Trichromacy



Original Color

30.0556, 22.4516, 92.3720

Protanomaly

27.3146, 22.1831, 95.7706

Deuteranomaly

23.9553, 21.6251, 84.5728

Tritanomaly

21.2592, 21.7857, 49.5390

Monochromacy



Original Color

30.0556, 22.4516, 92.3720

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.0627, 21.7175, 42.5115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0556, 22.4516, 92.3720 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(114, 114, 249)` looks like.

```
.text, #text, p{  
    color:rgb(114, 114, 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(114, 114, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 114, 249) }
```

Border

The CSS property to change the border of an element to XYZ 30.0556, 22.4516, 92.3720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

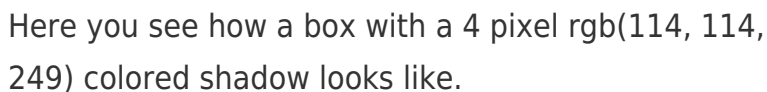
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 114, 249) }
```


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

```
.border{ border-color:rgb(114, 114, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 114, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 114, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 114, 249); box-shadow:4px 4px 4px 4px rgb(114, 114, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0556, 22.4516, 92.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 114, 249) }
```

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

```
.background{ background-color: rgb(114,  
114, 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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