

Converting Colors

XYZ(30.6606, 25.4061, 82.1253)

Have a look what the booklet for
XYZ(30.6606, 25.4061, 82.1253)
contains.

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Color

**XYZ(30.6108, 25.3145,
81.8701)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7FEB
RGB	122, 127, 235
RGB Percent	48%, 50%, 92%
CMY	0.5215, 0.5020, 0.0784
CMYK	0.48, 0.46, 0.00, 0.08
HSL	237°, 74%, 70%
HSV	237°, 48%, 92%
XYZ	30.6108, 25.3145, 81.8701
YIQ	137.8170, -37.6480, 32.5280

Conversions

Conversions Part 2

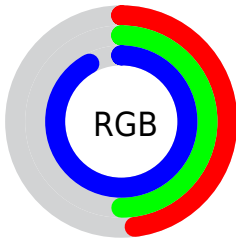
Format	Color
RYB	122, 127, 235
Decimal	8028139
CIELab	57.38, 26.43, -55.35
CIElCh	57, 61.335, 295.527
Yxy	25.3145, 0.2221, 0.1837
Android (android.graphics.Color)	4286218219 (0xFF7A7FEB)
YUV	137.8170, 47.9112, -13.8715
Hunter-Lab	50.3135, 20.5509, -61.2572

Details

The XYZ color **30.6108, 25.3145, 81.8701** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **66.0722, 75.6633, 29.5361**, and the grayscale version is **23.9224, 25.1682, 27.4082**.

A 20% lighter version of the original color is **53.1936, 49.5658, 101.3713**, and **12.7469, 9.6873, 43.3175** is the 20% darker color. If you saturate the color by 10%, you get **25.0921, 18.6329, 80.8718**, and if you desaturate by 10%, it is **37.5825, 33.7055, 83.1228**.

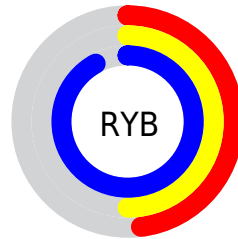
Distribution



Red (48%)

Green (50%)

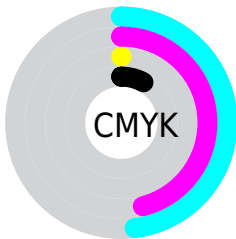
Blue (92%)



Red (48%)

Yellow (50%)

Blue (92%)

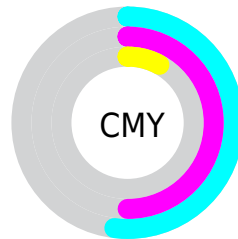


Cyan (48%)

Magenta (46%)

Yellow (0%)

Black (8%)



Cyan (52%)

Magenta (50%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6108, 25.3145, 81.8701 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 30.6108, 25.3145, 81.8701 by changing the saturation by 10% instead.

■ 30.6108, 25.3145,
81.8701

■ 30.6108, 25.3145,
81.8701

■ 296.6003,
279.4006, 521.0851

■ 20.4530, 16.3115,
60.7233

■ 60.0068, 52.1670,
137.8269

■ 12.8350, 9.7449,
43.5728

■ 79.9758, 70.7853,
173.4739

■ 7.3912, 5.2301,
30.0001

■ 103.9458, 93.3774,
214.7914

■ 3.7564, 2.3829,
19.5866

■ 132.2824,
120.3279, 262.1979

■ 1.5653, 0.8171,
11.9138

■ 165.3507,
152.0211, 316.1120

■ 0.3696, 0.0000,
6.5632

■ 203.5162,

■ 0.0000, 0.0000,

188.8413, 376.9522

3.1162

247.1443,
231.1730, 445.1371

■ 0.0000, 0.0000,
1.1543

■ 0.0000, 0.0000,
0.0000

■ 30.6108, 25.3145,
81.8701

■ 30.6108, 25.3145,
81.8701

■ 25.0921, 18.6329,
80.8718

■ 37.5825, 33.7055,
83.1228

■ 20.9209, 13.5409,
80.1088

■ 46.0968, 43.9097,
84.6437

■ 17.9823, 9.9072,
79.5623

■ 56.2393, 56.0256,
86.4477

■ 16.1410, 7.5782,
79.2098

■ 68.0889, 70.1439,
88.5483

■ 15.2185, 6.3604,
79.0234

■ 81.7191, 86.3494,
90.9578

■ 15.1083, 6.2238,
79.0028

■ 91.9955, 98.7782,
92.8152

Harmonies

Analogous

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



22.9855, 25.3145, 89.9564



30.6108, 25.3145, 81.8701



37.5431, 25.3145, 57.0490

Triad

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



30.6108, 25.3145, 81.8701



32.8848, 25.3145, 5.9637



12.6299, 25.3145, 24.5536

Complementary

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



30.6108, 25.3145, 81.8701



66.0722, 75.6633, 29.5361

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.



14.2677, 25.3145, 10.5298



30.6108, 25.3145, 81.8701



25.1689, 25.3145, 3.8019

Square

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



30.6108, 25.3145, 81.8701



39.0308, 25.3145, 13.6457



18.5187, 25.3145, 4.9065



13.5110, 25.3145, 48.6988

Rectangle

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



30.6108, 25.3145, 81.8701



40.3179, 25.3145, 38.8448



18.5187, 25.3145, 4.9065



12.8930, 25.3145, 18.7093

Sweetspot

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



30.6118, 25.3154, 81.8707



73.1782, 73.9755, 105.0295



51.9272, 69.2318, 85.0121



15.0217, 15.0691, 22.3669



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.



30.6118, 25.3154, 81.8707



30.1023, 22.3057, 97.3266



39.1567, 28.7860, 82.0903



14.2846, 14.6557, 18.9982



8.4325, 3.5121, 43.9764



0.6810, 0.3135, 3.4595

Inverse Universe

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



45.0522, 33.1149, 24.0966



49.5250, 33.0030, 19.5725



53.0254, 71.0315, 29.3297



15.0925, 15.0648, 15.7722



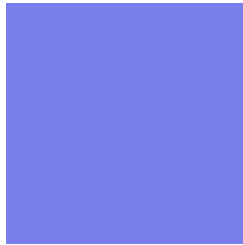
19.1116, 9.8473, 1.1233



1.5103, 0.7771, 0.1384

Previews

White Background



This preview shows how the XYZ color 30.6108, 25.3145, 81.8701 looks on a white background.

Color Contrast Check

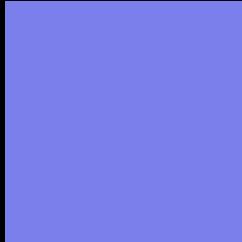
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6108, 25.3145, 81.8701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

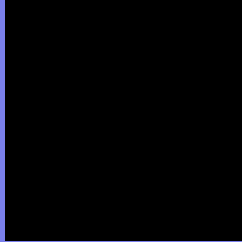
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6108, 25.3145, 81.8701

Background



This preview shows how black text looks on a background with the XYZ color 30.6108, 25.3145, 81.8701.



This preview shows how white text looks on a background with the XYZ color 30.6108, 25.3145,

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

30.6108, 25.3145, 81.8701

Protanopia

28.5766, 25.5357, 87.4271

Deuteranopia

26.3239, 25.5935, 79.8966



Tritanopia

21.3568, 25.3378, 35.6633

Trichromacy



Original Color

30.6108, 25.3145, 81.8701

Protanomaly

28.9518, 25.1739, 84.9945

Deuteranomaly

27.4918, 25.3350, 80.5320

Tritanomaly

23.9088, 24.8055, 49.4268

Monochromacy



Original Color

30.6108, 25.3145, 81.8701

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.5836, 24.9729, 43.0070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6108, 25.3145, 81.8701 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(122, 127, 235)` looks like.

```
.text, #text, p{  
    color:rgb(122, 127, 235)  
}
```

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(122, 127, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 127, 235) }
```

Border

The CSS property to change the border of an element to XYZ 30.6108, 25.3145, 81.8701 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(122, 127, 235) }
```


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

```
.border{ border-color:rgb(122, 127, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 127, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 127, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 127, 235);  
box-shadow:4px 4px 4px 4px rgb(122, 127,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6108, 25.3145, 81.8701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 127, 235) }
```

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

```
.background{ background-color: rgb(122,  
127, 235) }
```

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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