

Converting Colors

XYZ(30.1675, 25.8162, 75.3445)

Have a look what the booklet for
XYZ(30.1675, 25.8162, 75.3445)
contains.

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Color

**XYZ(30.1675, 25.8162,
75.3445)**

Conversions

Conversions Part 1

Format	Color
Hex	7D82E2
RGB	125, 130, 226
RGB Percent	49%, 51%, 89%
CMY	0.5098, 0.4902, 0.1137
CMYK	0.45, 0.42, 0.00, 0.11
HSL	237°, 64%, 69%
HSV	237°, 45%, 89%
XYZ	30.1675, 25.8162, 75.3445
YIQ	139.4490, -33.7960, 28.7960

Conversions

Conversions Part 2

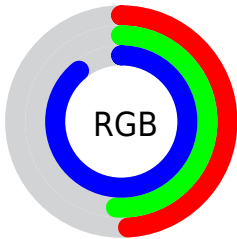
Format	Color
RYB	125, 130, 226
Decimal	8225506
CIELab	57.86, 22.69, -49.55
CIELCh	58, 54.501, 294.607
Yxy	25.8162, 0.2297, 0.1966
Android (android.graphics.Color)	4286415586 (0xFF7D82E2)
YUV	139.4490, 42.6696, -12.6718
Hunter-Lab	50.8096, 17.0649, -52.3531

Details

The XYZ color **30.1675, 25.8162, 75.3445** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **60.9234, 69.3641, 29.5811**, and the grayscale version is **24.5643, 25.8436, 28.1437**.

A 20% lighter version of the original color is **54.2749, 51.0321, 101.5973**, and **12.5820, 10.0161, 39.3004** is the 20% darker color. If you saturate the color by 10%, you get **24.6706, 19.1747, 74.3528**, and if you desaturate by 10%, it is **37.0135, 34.0393, 76.5714**.

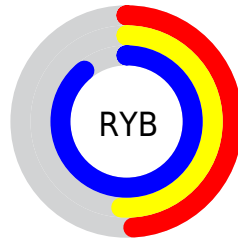
Distribution



Red (49%)

Green (51%)

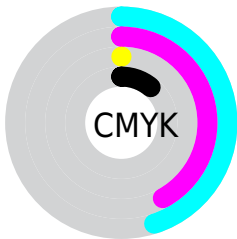
Blue (89%)



Red (49%)

Yellow (51%)

Blue (89%)

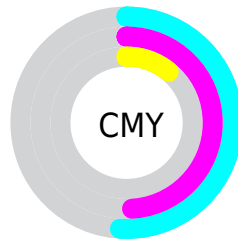


Cyan (45%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1675, 25.8162, 75.3445 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 30.1675, 25.8162, 75.3445 by changing the saturation by 10% instead.

■ 30.1675, 25.8162,
75.3445

■ 30.1675, 25.8162,
75.3445

294.5803,
281.8786, 498.3878

■ 20.1145, 16.6862,
55.3917

■ 59.3118, 52.9783,
128.5515

■ 12.5870, 10.0110,
39.3147

■ 79.1337, 71.7791,
162.6428

■ 7.2198, 5.4063,
26.6949

■ 102.9427, 94.5724,
202.2840

■ 3.6475, 2.4875,
17.1138

131.1040,
121.7425, 247.8937

■ 1.5047, 0.8704,
10.1529

163.9831,
153.6737, 299.8903

■ 0.3290, 0.0000,
5.3935

201.9453,

■ 0.0000, 0.0000,

190.7506, 358.6926

2.4172

245.3559,
233.3574, 424.7189

■ 0.0000, 0.0000,
0.7958

■ 0.0000, 0.0000,
0.0000

■ 30.1675, 25.8162,
75.3445

■ 30.1675, 25.8162,
75.3445

■ 24.6706, 19.1747,
74.3528

■ 37.0135, 34.0393,
76.5714

■ 20.4306, 14.0106,
73.5795

■ 45.2863, 43.9337,
78.0452

■ 17.3490, 10.2117,
73.0087

■ 55.0615, 55.5857,
79.7790

■ 15.3108, 7.6484,
72.6213

■ 66.4085, 69.0747,
81.7846

■ 14.1776, 6.1660,
72.3949

■ 79.3922, 84.4753,
84.0729

■ 13.8493, 5.7346,
72.3289

■ 90.7276, 98.2710,
86.1383

Harmonies

Analogous

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



23.3721, 25.8162, 81.5218



30.1675, 25.8162, 75.3445



36.3104, 25.8162, 54.6210

Triad

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



30.1675, 25.8162, 75.3445



32.5836, 25.8162, 7.7597



14.0086, 25.8162, 24.8520

Complementary

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



30.1675, 25.8162, 75.3445



60.9234, 69.3641, 29.5811

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.



15.6318, 25.8162, 11.9600



30.1675, 25.8162, 75.3445



25.7411, 25.8162, 5.3141

Square

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



30.1675, 25.8162, 75.3445



37.8702, 25.8162, 15.6010



19.6556, 25.8162, 6.4086



14.7712, 25.8162, 45.9736

Rectangle

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



30.1675, 25.8162, 75.3445



38.8024, 25.8162, 38.8185



19.6556, 25.8162, 6.4086



14.2830, 25.8162, 19.5768

Sweetspot

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



30.1685, 25.8171, 75.3451



74.6472, 75.7637, 105.2973



48.6992, 63.9712, 78.1532



15.3130, 15.4256, 22.4203



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.



30.1685, 25.8171, 75.3451



32.6484, 25.4666, 97.8025



37.7373, 28.7559, 75.5135



13.0062, 13.3515, 17.2793



7.9260, 3.3216, 41.2717



0.5689, 0.2692, 2.8672

Inverse Universe

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



42.7278, 32.4489, 25.1311



51.2816, 35.5107, 23.2580



49.8497, 65.6436, 29.4466



13.7346, 13.7115, 14.3725



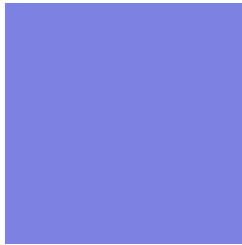
17.9409, 9.2434, 1.0886



1.2534, 0.6446, 0.1272

Previews

White Background



This preview shows how the XYZ color 30.1675, 25.8162, 75.3445 looks on a white background.

Color Contrast Check

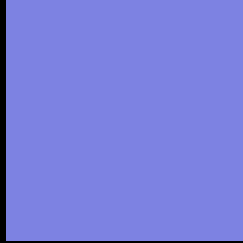
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1675, 25.8162, 75.3445 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 30.1675, 25.8162, 75.3445

Background



This preview shows how black text looks on a background with the XYZ color 30.1675, 25.8162, 75.3445.



This preview shows how white text looks on a background with the XYZ color 30.1675, 25.8162,

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

30.1675, 25.8162, 75.3445

Protanopia

28.3736, 26.0305, 79.1302

Deuteranopia

26.7117, 25.9218, 74.1166



Tritanopia

22.1551, 25.7493, 35.7007

Trichromacy



Original Color

30.1675, 25.8162, 75.3445

Protanomaly

28.8523, 25.8955, 77.6064

Deuteranomaly

27.7616, 25.8113, 74.7530

Tritanomaly

24.6316, 25.6443, 47.9076

Monochromacy



Original Color

30.1675, 25.8162, 75.3445

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.9864, 25.6169, 42.1030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1675, 25.8162, 75.3445 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(125, 130, 226)` looks like.

```
.text, #text, p{  
    color:rgb(125, 130, 226)  
}
```

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(125, 130, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 130, 226) }
```

Border

The CSS property to change the border of an element to XYZ 30.1675, 25.8162, 75.3445 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(125, 130, 226) }
```


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

```
.border{ border-color:rgb(125, 130, 226) }
```

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

Here you see how a box with a 4 pixel rgb(125, 130, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 130, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 130, 226);  
box-shadow:4px 4px 4px 4px rgb(125, 130,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1675, 25.8162, 75.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 130, 226) }
```

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

```
.background{ background-color: rgb(125,  
130, 226) }
```

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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