

Converting Colors

XYZ(30.2884, 25.8795, 75.3818)

Have a look what the booklet for
XYZ(30.2884, 25.8795, 75.3818)
contains.

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Color

**XYZ(30.3143, 25.8919,
75.3514)**

Conversions

Conversions Part 1

Format	Color
Hex	7E82E2
RGB	126, 130, 226
RGB Percent	49%, 51%, 89%
CMY	0.5059, 0.4902, 0.1137
CMYK	0.44, 0.42, 0.00, 0.11
HSL	238°, 63%, 69%
HSV	238°, 44%, 89%
XYZ	30.3143, 25.8919, 75.3514
YIQ	139.7480, -33.2000, 29.0080

Conversions

Conversions Part 2

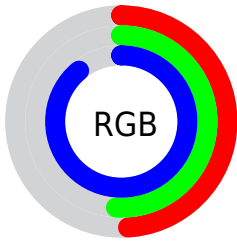
Format	Color
RYB	126, 130, 226
Decimal	8291042
CIELab	57.93, 22.93, -49.43
CIELCh	58, 54.494, 294.890
Yxy	25.8919, 0.2304, 0.1968
Android (android.graphics.Color)	4286481122 (0xFF7E82E2)
YUV	139.7480, 42.5222, -12.0570
Hunter-Lab	50.8841, 17.2946, -52.1804

Details

The XYZ color **30.3143, 25.8919, 75.3514** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.2525, 69.9195, 30.0076**, and the grayscale version is **24.6801, 25.9654, 28.2763**.

A 20% lighter version of the original color is **54.5119, 51.1543, 101.6084**, and **12.6524, 10.0523, 39.3037** is the 20% darker color. If you saturate the color by 10%, you get **24.7624, 19.1883, 74.3506**, and if you desaturate by 10%, it is **37.2293, 34.2022, 76.5915**.

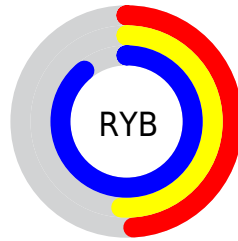
Distribution



Red (49%)

Green (51%)

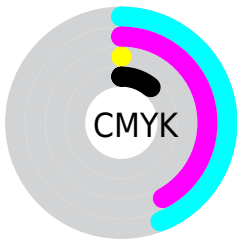
Blue (89%)



Red (49%)

Yellow (51%)

Blue (89%)

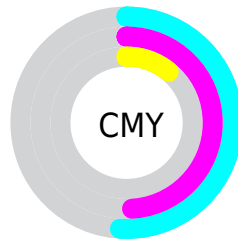


Cyan (44%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3143, 25.8919, 75.3514 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 30.3143, 25.8919, 75.3514 by changing the saturation by 10% instead.

■ 30.3143, 25.8919,
75.3514

■ 30.3143, 25.8919,
75.3514

295.2503,
282.2510, 498.4121

■ 20.2265, 16.7428,
55.3974

■ 59.5421, 53.1005,
128.5613

■ 12.6690, 10.0513,
39.3192

■ 79.4128, 71.9288,
162.6543

■ 7.2765, 5.4330,
26.6984

■ 103.2753, 94.7522,
202.2973

■ 3.6835, 2.5035,
17.1164

131.4947,
121.9553, 247.9089

■ 1.5247, 0.8784,
10.1547

164.4366,
153.9223, 299.9077

■ 0.3425, 0.0000,
5.3947

202.4663,

■ 0.0000, 0.0000,

191.0376, 358.7121

2.4179

245.9491,
233.6858, 424.7407

■ 0.0000, 0.0000,
0.7962

■ 0.0000, 0.0000,
0.0000

■ 30.3143, 25.8919,
75.3514

■ 30.3143, 25.8919,
75.3514

■ 24.7624, 19.1883,
74.3506

■ 37.2293, 34.2022,
76.5915

■ 20.4808, 13.9850,
73.5719

■ 45.5862, 44.2109,
78.0829

■ 17.3697, 10.1672,
72.9990

■ 55.4613, 56.0059,
79.8391

■ 15.3131, 7.6025,
72.6124

■ 66.9245, 69.6684,
81.8721

■ 14.1714, 6.1322,
72.3887

■ 80.0417, 85.2744,
84.1930

■ 13.8256, 5.6872,
72.3211

■ 90.7276, 98.2710,
86.1384

Harmonies

Analogous

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



23.5020, 25.8919, 81.7133



30.3143, 25.8919, 75.3514



36.4488, 25.8919, 54.5186

Triad

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



30.3143, 25.8919, 75.3514



32.6079, 25.8919, 7.7526



14.0553, 25.8919, 25.0925

Complementary

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



30.3143, 25.8919, 75.3514



61.2525, 69.9195, 30.0076

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.



15.6594, 25.8919, 12.0909



30.3143, 25.8919, 75.3514



25.7512, 25.8919, 5.3374

Square

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



30.3143, 25.8919, 75.3514



37.9295, 25.8919, 15.5487



19.6694, 25.8919, 6.4690



14.8421, 25.8919, 46.3107

Rectangle

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



30.3143, 25.8919, 75.3514



38.9202, 25.8919, 38.7061



19.6694, 25.8919, 6.4690



14.3229, 25.8919, 19.7782

Sweetspot

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



30.3153, 25.8928, 75.3520



74.5628, 75.5950, 105.2692



48.8527, 64.0496, 78.1952



15.2925, 15.3847, 22.4135



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.



30.3153, 25.8928, 75.3520



33.1406, 25.9337, 97.8668



37.9842, 29.0721, 75.5615



12.9958, 13.3307, 17.2758



7.9079, 3.2853, 41.2657



0.5639, 0.2592, 2.8656

Inverse Universe

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



42.8551, 32.7035, 25.1735



51.6563, 36.1440, 23.7408



50.0194, 65.7236, 29.7898



13.7293, 13.7094, 14.3449



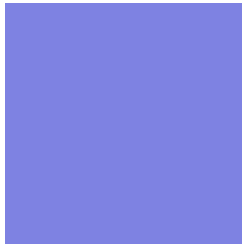
17.9317, 9.2397, 1.0403



1.2509, 0.6436, 0.1139

Previews

White Background



This preview shows how the XYZ color 30.3143, 25.8919, 75.3514 looks on a white background.

Color Contrast Check

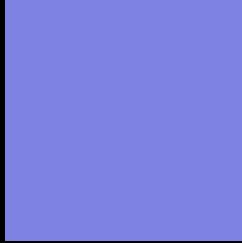
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3143, 25.8919, 75.3514 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 30.3143, 25.8919, 75.3514

Background



This preview shows how black text looks on a background with the XYZ color 30.3143, 25.8919, 75.3514.



This preview shows how white text looks on a background with the XYZ color 30.3143, 25.8919,

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

30.3143, 25.8919, 75.3514

Protanopia

28.3736, 26.0305, 79.1302

Deuteranopia

26.8070, 25.9709, 74.1210



Tritanopia

22.2746, 25.8109, 35.7063

Trichromacy



Original Color

30.3143, 25.8919, 75.3514

Protanomaly

28.9746, 25.9585, 77.6121

Deuteranomaly

27.8743, 25.8693, 74.7583

Tritanomaly

24.7610, 25.7110, 47.9136

Monochromacy



Original Color

30.3143, 25.8919, 75.3514

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.1465, 25.6995, 42.1105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3143, 25.8919, 75.3514 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(126, 130, 226)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 130, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 130, 226) }
```

Border

The CSS property to change the border of an element to XYZ 30.3143, 25.8919, 75.3514 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(126, 130, 226) }
```


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

```
.border{ border-color:rgb(126, 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(126, 130, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 130, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 130, 226);  
box-shadow:4px 4px 4px 4px rgb(126, 130,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3143, 25.8919, 75.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 130, 226) }
```

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

```
.background{ background-color: rgb(126,  
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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