

Converting Colors

XYZ(30.2475, 26.5776, 98.1435)

Have a look what the booklet for
XYZ(30.2475, 26.5776, 98.1435)
contains.

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Color

**XYZ(30.2475, 26.5776,
98.1435)**

Conversions

Conversions Part 1

Format	Color
Hex	5188FF
RGB	81, 136, 255
RGB Percent	32%, 53%, 100%
CMY	0.6823, 0.4667, 0.0000
CMYK	0.68, 0.47, 0.00, 0.00
HSL	221°, 100%, 66%
HSV	221°, 68%, 100%
XYZ	30.2475, 26.5776, 98.1435
YIQ	133.1210, -70.9790, 25.3490

Conversions

Conversions Part 2

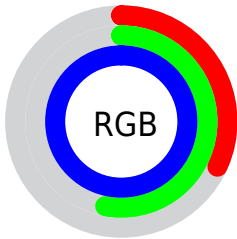
Format	Color
R _Y B	81, 123, 255
Decimal	5343487
CIE Lab	58.58, 19.89, -64.61
CIE LCh	59, 67.601, 287.116
Yxy	26.5776, 0.1952, 0.1715
Android (android.graphics.Color)	4283533567 (0xFF5188FF)
YUV	133.1210, 60.0863, -45.7101
Hunter-Lab	51.5535, 14.5111, -76.7843

Details

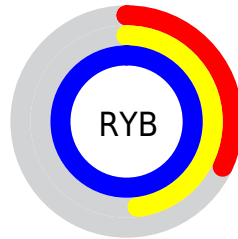
The XYZ color **30.2475, 26.5776, 98.1435** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **63.3823, 63.1677, 16.6388**, and the grayscale version is **22.1465, 23.2998, 25.3735**.

A 20% lighter version of the original color is **48.2802, 49.8182, 101.6790**, and **13.4862, 10.8476, 54.2063** is the 20% darker color. If you saturate the color by 10%, you get **26.1983, 21.1359, 97.3066**, and if you desaturate by 10%, it is **35.5184, 33.2428, 99.1522**.

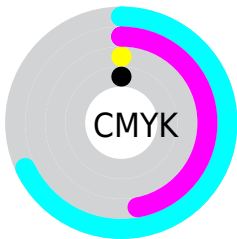
Distribution



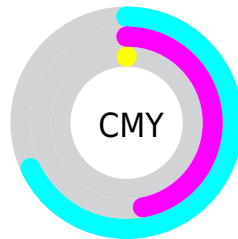
- Red (32%)
- Green (53%)
- Blue (100%)



- Red (32%)
- Yellow (48%)
- Blue (100%)



- Cyan (68%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2475, 26.5776, 98.1435 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 30.2475, 26.5776, 98.1435 by changing the saturation by 10% instead.

■ 30.2475, 26.5776,
98.1435

■ 30.2475, 26.5776,
98.1435

294.9456,
285.6061, 575.4198

■ 20.1755, 17.2562,
74.1428

■ 59.4373, 54.2053,
160.6331

■ 12.6317, 10.4174,
54.4134

■ 79.2859, 73.2804,
199.9591

■ 7.2507, 5.6765,
38.5369

■ 103.1240, 96.3756,
245.2307

■ 3.6671, 2.6494,
26.0946

■ 131.3170,
123.8752, 296.8662

■ 1.5156, 0.9516,
16.6680

164.2303,
156.1637, 355.2844

■ 0.3364, 0.0000,
9.8386

202.2293,

■ 0.0000, 0.0000,

193.6254, 420.9036

5.1879

245.6793,
236.6447, 494.1426

■ 0.0000, 0.0000,
2.2973

■ 0.0000, 0.0000,
0.7297

■ 30.2475, 26.5776,
98.1435

■ 30.2475, 26.5776,
98.1435

■ 26.1983, 21.1359,
97.3066

■ 35.5184, 33.2428,
99.1522

■ 23.2510, 16.8267,
96.6302

■ 42.1081, 41.2077,
100.3423

■ 21.2519, 13.5400,
96.1011

■ 50.1068, 50.5441,
101.7228

■ 20.9623, 13.0446,
96.0208

■ 59.5955, 61.3175,
103.3022

■ 70.6487, 73.5886,
105.0882

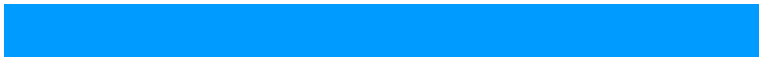
■ 83.3356, 87.4148,
107.0882

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.



21.8717, 26.5776, 100.1254



30.2475, 26.5776, 98.1435



38.8298, 26.5776, 72.4346

Triad

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



30.2475, 26.5776, 98.1435



37.7322, 26.5776, 6.7245



12.6931, 26.5776, 19.9078

Complementary

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



30.2475, 26.5776, 98.1435



63.3823, 63.1677, 16.6388

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.



15.2911, 26.5776, 7.6659



30.2475, 26.5776, 98.1435



28.9840, 26.5776, 3.3532

Square

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



30.2475, 26.5776, 98.1435



43.7577, 26.5776, 17.4775



20.8554, 26.5776, 3.5648



12.8866, 26.5776, 44.5558

Rectangle

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



30.2475, 26.5776, 98.1435



42.9712, 26.5776, 50.5624



20.8554, 26.5776, 3.5648



13.2400, 26.5776, 14.5713

Sweetspot

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



30.2486, 26.5783, 98.1436



68.5762, 71.3061, 104.7568



49.5684, 77.4355, 66.9185



13.9957, 14.5075, 22.3125



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.



30.2486, 26.5783, 98.1436



24.9649, 19.3839, 97.0334



27.7916, 16.6112, 96.3492



17.4715, 18.3146, 22.8642



11.0708, 7.0511, 50.2121



1.1711, 0.8729, 4.9200

Inverse Universe

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



48.6273, 28.9241, 26.3128



45.1370, 24.3757, 17.6513



67.7085, 87.8184, 21.1688



18.2459, 18.0817, 19.9119



22.3762, 11.4398, 5.3656



2.2257, 1.1327, 0.7701

Previews

White Background



This preview shows how the XYZ color 30.2475, 26.5776, 98.1435 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 30.2475, 26.5776, 98.1435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

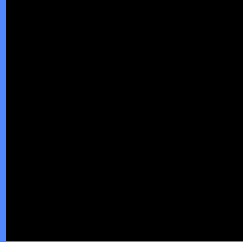
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

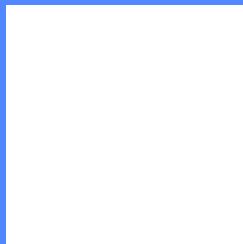
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2475, 26.5776, 98.1435

Background



This preview shows how black text looks on a background with the XYZ color 30.2475, 26.5776, 98.1435.



This preview shows how white text looks on a background with the XYZ color 30.2475, 26.5776,

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

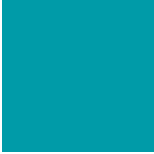
30.2475, 26.5776, 98.1435

Protanopia

30.2475, 26.5776, 98.1435

Deuteranopia

27.5521, 26.7368, 96.6371



Tritanopia

18.7892, 26.2698, 41.1261

Trichromacy



Original Color

30.2475, 26.5776, 98.1435

Protanomaly

30.2475, 26.5776, 98.1435

Deuteranomaly

27.7742, 26.1731, 97.3540

Tritanomaly

21.5219, 25.6112, 58.4527

Monochromacy



Original Color

30.2475, 26.5776, 98.1435

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4003, 23.8019, 44.9559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2475, 26.5776, 98.1435 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(81, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(81, 136, 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(81, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 136, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.2475, 26.5776, 98.1435 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(81, 136, 255) }
```


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

```
.border{ border-color:rgb(81, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(81, 136,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2475, 26.5776, 98.1435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 136, 255) }
```

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

```
.background{ background-color: rgb(81, 136,  
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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