

Converting Colors

XYZ(30.4815, 25.9042, 56.5947)

Have a look what the booklet for
XYZ(30.4815, 25.9042, 56.5947)
contains.

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Color

**XYZ(30.6747, 26.0949,
56.8462)**

Conversions

Conversions Part 1

Format	Color
Hex	9780C6
RGB	151, 128, 198
RGB Percent	59%, 50%, 78%
CMY	0.4078, 0.4980, 0.2235
CMYK	0.24, 0.35, 0.00, 0.22
HSL	260°, 38%, 64%
HSV	260°, 35%, 78%
XYZ	30.6747, 26.0949, 56.8462
YIQ	142.8570, -8.7620, 26.6460

Conversions

Conversions Part 2

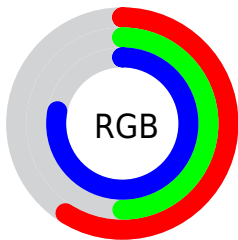
Format	Color
R_{YB}	151, 128, 198
Decimal	9928902
CIE _{Lab}	58.13, 23.45, -33.24
CIE _{LCh}	58, 40.680, 305.206
Yxy	26.0949, 0.2700, 0.2297
Android (android.graphics.Color)	4288118982 (0xFF9780C6)
YUV	142.8570, 27.1855, 7.1414
Hunter-Lab	51.0832, 17.7911, -30.2207

Details

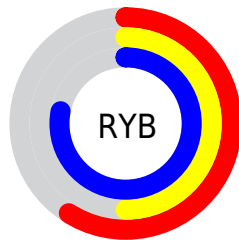
The XYZ color **30.6747, 26.0949, 56.8462** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.7704, 51.0613, 28.0775**, and the grayscale version is **25.9498, 27.3012, 29.7310**.

A 20% lighter version of the original color is **60.0275, 53.3896, 101.7492**, and **12.8670, 10.2023, 27.6766** is the 20% darker color. If you saturate the color by 10%, you get **26.0101, 20.2236, 55.9592**, and if you desaturate by 10%, it is **36.1233, 33.1195, 57.9154**.

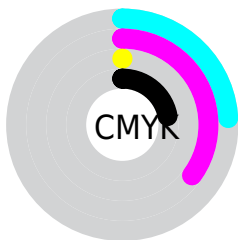
Distribution



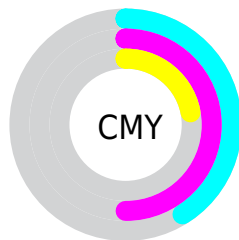
- Red (59%)
- Green (50%)
- Blue (78%)



- Red (59%)
- Yellow (50%)
- Blue (78%)



- Cyan (24%)
- Magenta (35%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6747, 26.0949, 56.8462 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 30.6747, 26.0949, 56.8462 by changing the saturation by 10% instead.

■ 30.6747, 26.0949,
56.8462

■ 30.6747, 26.0949,
56.8462

296.8906,
283.2476, 430.3503

■ 20.5019, 16.8946,
40.4732

■ 60.1069, 53.4280,
101.7388

■ 12.8708, 10.1594,
27.5911

■ 80.0970, 72.3296,
131.0956

■ 7.4160, 5.5048,
17.7813

■ 104.0902, 95.2339,
165.6174

■ 3.7722, 2.5464,
10.6253

132.4519,
122.5251, 205.7227

■ 1.5741, 0.8998,
5.7045

165.5474,
154.5877, 251.8301

■ 0.3754, 0.0000,
2.6004

203.7421,

■ 0.0000, 0.0000,

191.8060, 304.3582

0.8926

247.4014,
234.5645, 363.7254

■ 0.0000, 0.0000,
0.0000

■ 30.6747, 26.0949,
56.8462

■ 30.6747, 26.0949,
56.8462

■ 26.0101, 20.2236,
55.9592

■ 36.1233, 33.1195,
57.9154

■ 22.0881, 15.4390,
55.2424

■ 42.3890, 41.3529,
59.1743

■ 18.8674, 11.6720,
54.6851


■ 49.5062, 50.8508,
60.6325


■ 16.3013, 8.8443,
54.2745

■ 57.5064, 61.6644,
62.2981


■ 14.3363, 6.8655,
53.9961


■ 66.4196, 73.8419,
64.1788

 12.9089, 5.6255,
53.8320

 76.2743, 87.4292,
66.2820

 12.3769, 5.2030,
53.7785

 83.2832, 94.8416,
67.3433

 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



25.6720, 26.0949, 64.9013



30.6747, 26.0949, 56.8462



34.4348, 26.0949, 41.3765

Triad

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



30.6747, 26.0949, 56.8462



28.9910, 26.0949, 10.2143



16.5138, 26.0949, 30.9466

Complementary

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



30.6747, 26.0949, 56.8462



41.7704, 51.0613, 28.0775

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.



17.1580, 26.0949, 18.4865



30.6747, 26.0949, 56.8462



23.9527, 26.0949, 9.0535

Square

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



30.6747, 26.0949, 56.8462



33.3761, 26.0949, 15.4660



19.7319, 26.0949, 11.5102



17.8392, 26.0949, 47.1003

Rectangle

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



30.6747, 26.0949, 56.8462



35.4910, 26.0949, 30.7410



19.7319, 26.0949, 11.5102



16.5093, 26.0949, 26.2054

Sweetspot

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



30.6756, 26.0959, 56.8468



80.1527, 79.9922, 105.8233



34.5887, 39.6526, 59.2573



16.7916, 16.6364, 22.5761



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.



30.6756, 26.0959, 56.8468



48.1740, 38.4467, 99.4897



37.9608, 29.8516, 57.1877



10.3795, 10.4539, 13.3882



8.1299, 3.4254, 34.9770



0.4617, 0.2018, 1.6598

Inverse Universe

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



38.7465, 30.5403, 44.4111



64.7074, 47.5657, 73.3493



35.0474, 47.5955, 27.7628



10.9292, 10.7551, 12.6103



17.9368, 8.9243, 15.4088



0.8817, 0.4355, 0.9001

Previews

White Background



This preview shows how the XYZ color 30.6747, 26.0949, 56.8462 looks on a white background.

Color Contrast Check

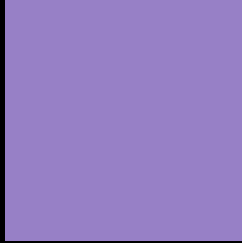
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6747, 26.0949, 56.8462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

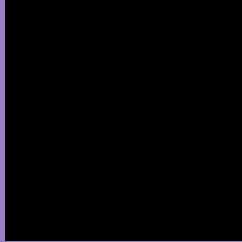
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6747, 26.0949, 56.8462

Background



This preview shows how black text looks on a background with the XYZ color 30.6747, 26.0949, 56.8462.



This preview shows how white text looks on a background with the XYZ color 30.6747, 26.0949,

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

30.6747, 26.0949, 56.8462

Protanopia

27.5652, 26.4151, 62.0383

Deuteranopia

26.7980, 26.1555, 55.8607



Tritanopia

25.6686, 26.0977, 32.1182

Trichromacy



Original Color

30.6747, 26.0949, 56.8462

Protanomaly

28.3578, 26.0291, 60.0294

Deuteranomaly

27.9632, 25.9067, 56.3500

Tritanomaly

27.1772, 25.8600, 40.1183

Monochromacy



Original Color

30.6747, 26.0949, 56.8462

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5534, 26.9323, 38.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6747, 26.0949, 56.8462 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(151, 128, 198)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 198)  
}
```

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(151, 128, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 198) }
```

Border

The CSS property to change the border of an element to XYZ 30.6747, 26.0949, 56.8462 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(151, 128, 198) }
```


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

```
.border{ border-color:rgb(151, 128, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 128, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 128, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 128, 198);  
box-shadow:4px 4px 4px 4px rgb(151, 128,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6747, 26.0949, 56.8462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 198) }
```

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

```
.background{ background-color: rgb(151,  
128, 198) }
```

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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