

Converting Colors

XYZ(30.1320, 32.5080, 48.0289)

Have a look what the booklet for
XYZ(30.1320, 32.5080, 48.0289)
contains.

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Color

**XYZ(30.1267, 32.4776,
47.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	869DB4
RGB	134, 157, 180
RGB Percent	53%, 62%, 71%
CMY	0.4745, 0.3843, 0.2941
CMYK	0.26, 0.13, 0.00, 0.29
HSL	210°, 23%, 62%
HSV	210°, 26%, 71%
XYZ	30.1267, 32.4776, 47.8610
YIQ	152.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

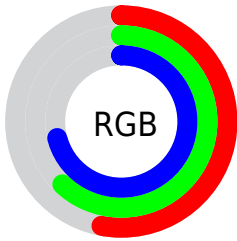
Format	Color
RYB	134, 149, 180
Decimal	8822196
CIELab	63.74, -2.78, -14.59
CIELCh	64, 14.854, 259.225
Yxy	32.4776, 0.2727, 0.2940
Android (android.graphics.Color)	4287012276 (0xFF869DB4)
YUV	152.7450, 13.4367, -16.4394
Hunter-Lab	56.9891, -5.3688, -9.9010

Details

The XYZ color **30.1267, 32.4776, 47.8610** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1828, 35.5385, 27.5603**, and the grayscale version is **30.1183, 31.6868, 34.5069**.

A 20% lighter version of the original color is **59.1736, 63.3360, 88.4632**, and **12.5521, 13.6794, 22.0575** is the 20% darker color. If you saturate the color by 10%, you get **26.0316, 28.1895, 47.2497**, and if you desaturate by 10%, it is **34.8243, 37.2443, 48.5340**.

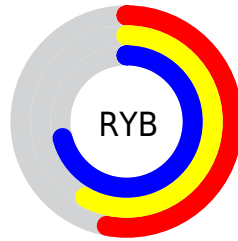
Distribution



Red (53%)

Green (62%)

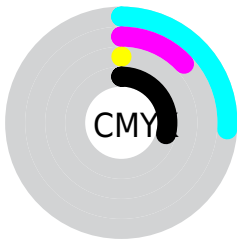
Blue (71%)



Red (53%)

Yellow (58%)

Blue (71%)

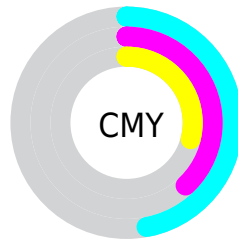


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1267, 32.4776, 47.8610 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 30.1267, 32.4776, 47.8610 by changing the saturation by 10% instead.

■ 30.1267, 32.4776,
47.8610

■ 30.1267, 32.4776,
47.8610

294.3938,
313.2892, 394.7337

■ 20.0833, 21.7266,
33.3576

■ 59.2477, 63.5591,
88.3608

■ 12.5642, 13.6561,
22.1272

■ 79.0561, 84.6583,
115.1943

■ 7.2041, 7.8819,
13.7512

■ 102.8502,
109.9757, 146.9749

■ 3.6375, 4.0195,
7.8110

130.9954,
139.8956, 184.1212

■ 1.4992, 1.6845,
3.8882

163.8570,
174.8026, 227.0517

■ 0.3253, 0.4136,
1.5642

201.8003,

■ 0.0000, 0.0000,

215.0809, 276.1849

0.2651

245.1908,
261.1149, 331.9394

■ 0.0000, 0.0000,
0.0000

■ 30.1267, 32.4776,
47.8610

■ 30.1267, 32.4776,
47.8610

■ 26.0316, 28.1895,
47.2497

■ 34.8243, 37.2443,
48.5340

■ 22.5088, 24.3587,
46.6959

■ 40.1467, 42.5024,
49.2684

■ 19.5301, 20.9676,
46.1984

■ 46.1187, 48.2685,
50.0666

■ 17.0631, 17.9957,
45.7548

■ 52.7627, 54.5577,
50.9304

■ 15.0720, 15.4207,
45.3627

■ 60.1001, 61.3841,
51.8613

■ 13.5153, 13.2169,
45.0194

■ 68.1513, 68.7613,
52.8609

■ 12.3419, 11.3538,
44.7216

■ 75.0712, 75.7410,
53.8434

■ 11.8951, 10.6090,
44.6014

■ 77.4971, 80.5929,
54.6520

■ 80.0521, 85.7029,
55.5037

Harmonies

Analogous

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



28.3280, 32.4776, 44.7728



30.1267, 32.4776, 47.8610



32.2057, 32.4776, 47.3282

Triad

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



30.1267, 32.4776, 47.8610



34.8046, 32.4776, 31.7209



27.9361, 32.4776, 28.3921

Complementary

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



30.1267, 32.4776, 47.8610



35.1828, 35.5385, 27.5603

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.



29.5697, 32.4776, 25.6056



30.1267, 32.4776, 47.8610



33.5575, 32.4776, 27.3729

Square

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



30.1267, 32.4776, 47.8610



34.9702, 32.4776, 37.5493



31.6234, 32.4776, 25.2548



27.1016, 32.4776, 33.2625

Rectangle

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



30.1267, 32.4776, 47.8610



33.4698, 32.4776, 45.0067



31.6234, 32.4776, 25.2548



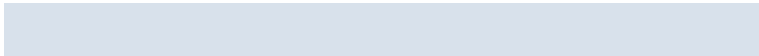
28.4065, 32.4776, 27.2051

Sweetspot

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



30.1277, 32.4789, 47.8617



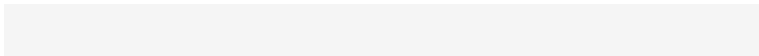
70.1908, 74.5161, 88.9782



32.1740, 40.1197, 37.6050



14.8535, 15.7935, 19.1878



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.1277, 32.4789, 47.8617



50.0613, 54.1412, 86.1064



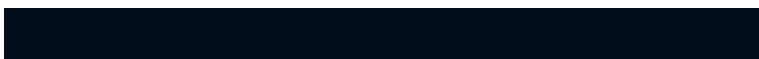
26.7019, 25.6273, 46.7198



8.3813, 8.9088, 10.7842



8.3692, 7.5388, 31.1510



0.3217, 0.3539, 0.9996

Inverse Universe

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



33.4341, 29.1886, 35.7716



57.2479, 47.4787, 59.7183



39.2930, 43.7590, 28.9303



8.6676, 8.5738, 9.7483



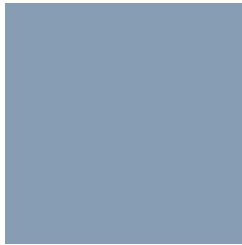
14.4590, 7.3012, 7.5773



0.4844, 0.2415, 0.3935

Previews

White Background



This preview shows how the XYZ color 30.1267, 32.4776, 47.8610 looks on a white background.

Color Contrast Check

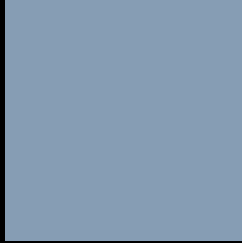
Large Text (above 18pt) WCAG AA × Fail

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 30.1267, 32.4776, 47.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

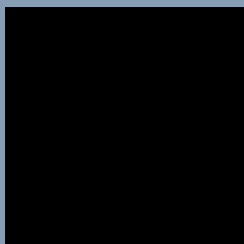
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

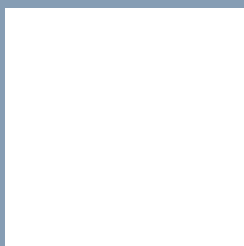
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1267, 32.4776, 47.8610

Background



This preview shows how black text looks on a background with the XYZ color 30.1267, 32.4776, 47.8610.



This preview shows how white text looks on a background with the XYZ color 30.1267, 32.4776,

47.8610.

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

30.1267, 32.4776, 47.8610

Protanopia

31.9047, 32.4408, 46.1751

Deuteranopia

32.9571, 32.2168, 48.1975



Tritanopia

29.0933, 32.2995, 43.2291

Trichromacy



Original Color

30.1267, 32.4776, 47.8610

Protanomaly

31.0931, 32.2548, 46.7065

Deuteranomaly

31.9445, 32.4146, 48.2890

Tritanomaly

29.5397, 32.4963, 44.7599

Monochromacy



Original Color

30.1267, 32.4776, 47.8610

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0205, 31.8665, 39.2189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1267, 32.4776, 47.8610 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(134, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 157, 180)  
}
```

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(134, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 157, 180) }
```

Border

The CSS property to change the border of an element to XYZ 30.1267, 32.4776, 47.8610 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(134, 157, 180) }
```


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

```
.border{ border-color:rgb(134, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 157,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1267, 32.4776, 47.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 157, 180) }
```

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

```
.background{ background-color: rgb(134,  
157, 180) }
```

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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