

Converting Colors

XYZ(27.0241, 30.8215, 49.0626)

Have a look what the booklet for
XYZ(27.0241, 30.8215, 49.0626)
contains.

XYZ(27.0346, 30.8478, 49.3291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.0346, 30.8478,
49.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9DB7
RGB	110, 157, 183
RGB Percent	43%, 62%, 72%
CMY	0.5686, 0.3843, 0.2823
CMYK	0.40, 0.14, 0.00, 0.28
HSL	201°, 34%, 57%
HSV	201°, 40%, 72%
XYZ	27.0346, 30.8478, 49.3291
YIQ	145.9110, -36.3580, -1.8780

Conversions

Conversions Part 2

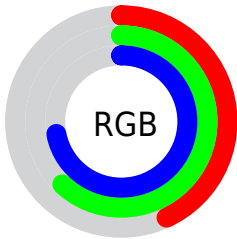
Format	Color
RYB	110, 139, 183
Decimal	7249335
CIELab	62.38, -9.02, -18.47
CIElCh	62, 20.554, 243.982
Yxy	30.8478, 0.2522, 0.2877
Android (android.graphics.Color)	4285439415 (0xFF6E9DB7)
YUV	145.9110, 18.2849, -31.4939
Hunter-Lab	55.5408, -10.3111, -13.7804

Details

The XYZ color **27.0346, 30.8478, 49.3291** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.1477, 28.8020, 18.6704**, and the grayscale version is **27.2241, 28.6419, 31.1910**.

A 20% lighter version of the original color is **54.4333, 61.2115, 90.6074**, and **10.8706, 12.7896, 23.0148** is the 20% darker color. If you saturate the color by 10%, you get **23.9153, 27.6468, 48.8762**, and if you desaturate by 10%, it is **30.6849, 34.4112, 49.8251**.

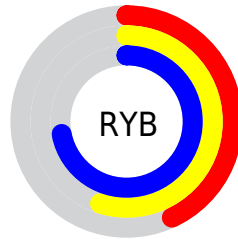
Distribution



Red (43%)

Green (62%)

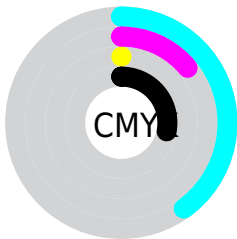
Blue (72%)



Red (43%)

Yellow (55%)

Blue (72%)

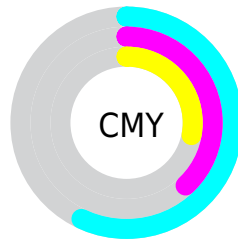


Cyan (40%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (57%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0346, 30.8478, 49.3291 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 27.0346, 30.8478, 49.3291 by changing the saturation by 10% instead.

■ 27.0346, 30.8478,
49.3291

■ 27.0346, 30.8478,
49.3291

279.9891,
305.8365, 400.6961

■ 17.7359, 20.4830,
34.5132

■ 54.3589, 61.0004,
90.5661

■ 10.8591, 12.7466,
23.0076

■ 73.1152, 81.5569,
117.8242

■ 6.0388, 7.2543,
14.3937

■ 95.7548, 106.2795,
150.0668

■ 2.9095, 3.6216,
8.2532

■ 122.6430,
135.5525, 187.7125

■ 1.1061, 1.4642,
4.1673

154.1452,
169.7603, 231.1797

■ 0.0302, 0.2634,
1.7176

190.6267,

■ 0.0000, 0.0000,

209.2873, 280.8870

0.3727

232.4529,
254.5179, 337.2530

■ 0.0000, 0.0000,
0.0000

■ 27.0346, 30.8478,
49.3291

■ 27.0346, 30.8478,
49.3291

■ 23.9153, 27.6468,
48.8762

■ 30.6849, 34.4112,
49.8251

■ 21.2940, 24.7879,
48.4625

■ 34.8908, 38.3490,
50.3635

■ 19.1383, 22.2536,
48.0870

■ 39.6788, 42.6769,
50.9465

■ 17.4104, 20.0230,
47.7475

■ 45.0728, 47.4084,
51.5754

■ 16.0660, 18.0719,
47.4418

■ 51.0953, 52.5562,
52.2517

■ 15.0162, 16.3529,
47.1653

■ 57.7676, 58.1327,
52.9764

■ 15.0052, 16.3346,
47.1623

■ 65.1098, 64.1495,
53.7507

■ 72.6231, 70.3504,
54.5516

■ 74.2565, 73.6173,
55.0961

Harmonies

Analogous

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



25.1026, 30.8478, 42.9031



27.0346, 30.8478, 49.3291



29.6931, 30.8478, 51.3141

Triad

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



27.0346, 30.8478, 49.3291



34.9889, 30.8478, 32.5349



26.4294, 30.8478, 22.4149

Complementary

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



27.0346, 30.8478, 49.3291



31.1477, 28.8020, 18.6704

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.



28.9498, 30.8478, 20.5015



27.0346, 30.8478, 49.3291



33.9850, 30.8478, 25.7294

Square

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



27.0346, 30.8478, 49.3291



34.3967, 30.8478, 40.7693



31.7305, 30.8478, 21.6120



24.7690, 30.8478, 27.3038

Rectangle

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



27.0346, 30.8478, 49.3291



31.5492, 30.8478, 49.6270



31.7305, 30.8478, 21.6120



27.1982, 30.8478, 21.4409

Sweetspot

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



27.0356, 30.8490, 49.3298



68.9885, 74.5798, 90.9950



27.7767, 38.9475, 29.1797



14.9859, 16.2464, 20.0676



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.0356, 30.8490, 49.3298



43.3994, 50.1126, 87.6210



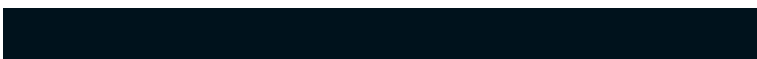
21.8098, 20.3974, 47.5879



8.9903, 9.6578, 11.4697



10.5343, 11.5283, 32.9230



0.4275, 0.5186, 1.1793

Inverse Universe

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



31.1910, 23.6544, 34.8213



52.1309, 36.2886, 56.8452



37.1056, 40.7179, 20.6564



9.2415, 9.1070, 10.6189



15.9309, 7.9461, 12.7889



0.5899, 0.2915, 0.6000

Previews

White Background



This preview shows how the XYZ color 27.0346, 30.8478, 49.3291 looks on a white background.

Color Contrast Check

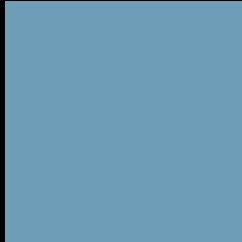
Large Text (above 18pt) WCAG AA × Fail

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 27.0346, 30.8478, 49.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

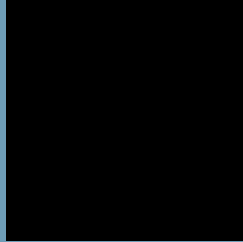
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.0346, 30.8478, 49.3291

Background



This preview shows how black text looks on a background with the XYZ color 27.0346, 30.8478, 49.3291.



This preview shows how white text looks on a background with the XYZ color 27.0346, 30.8478,

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

27.0346, 30.8478, 49.3291

Protanopia

30.4604, 30.7290, 46.4453

Deuteranopia

31.2233, 30.5733, 50.1545



Tritanopia

25.9079, 30.9006, 43.6287

Trichromacy



Original Color

27.0346, 30.8478, 49.3291

Protanomaly

28.9822, 30.6573, 47.5699

Deuteranomaly

29.5499, 30.6622, 49.7084

Tritanomaly

26.2477, 30.7765, 45.6313

Monochromacy



Original Color

27.0346, 30.8478, 49.3291

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8372, 29.3024, 37.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0346, 30.8478, 49.3291 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(110, 157, 183)` looks like.

```
.text, #text, p{  
    color:rgb(110, 157, 183)  
}
```

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(110, 157, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 157, 183) }
```

Border

The CSS property to change the border of an element to XYZ 27.0346, 30.8478, 49.3291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

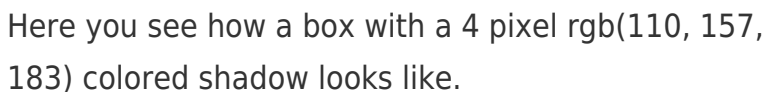
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 157, 183) }
```


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

```
.border{ border-color:rgb(110, 157, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 157, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 157, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 157, 183); box-shadow:4px 4px 4px 4px rgb(110, 157, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0346, 30.8478, 49.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 157, 183) }
```

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

```
.background{ background-color: rgb(110,  
157, 183) }
```

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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