

Converting Colors

XYZ(27.3810, 28.7371, 48.3342)

Have a look what the booklet for
XYZ(27.3810, 28.7371, 48.3342)
contains.

XYZ(27.3347, 28.6048, 48.3366)	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(27.3347, 28.6048,
48.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	7D93B6
RGB	125, 147, 182
RGB Percent	49%, 58%, 71%
CMY	0.5098, 0.4235, 0.2863
CMYK	0.31, 0.19, 0.00, 0.29
HSL	217°, 28%, 60%
HSV	217°, 31%, 71%
XYZ	27.3347, 28.6048, 48.3366
YIQ	144.4120, -24.3470, 6.2210

Conversions

Conversions Part 2

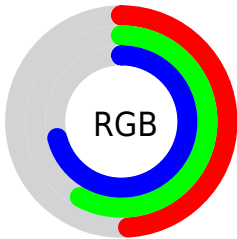
Format	Color
R_{YB}	125, 141, 182
Decimal	8229814
CIE _{Lab}	60.43, 0.59, -20.79
CIE _{LCh}	60, 20.800, 271.629
Yxy	28.6048, 0.2621, 0.2743
Android (android.graphics.Color)	4286419894 (0xFF7D93B6)
YUV	144.4120, 18.5309, -17.0243
Hunter-Lab	53.4835, -2.3670, -16.1459

Details

The XYZ color **27.3347, 28.6048, 48.3366** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.5645, 36.5680, 24.5869**, and the grayscale version is **26.6107, 27.9965, 30.4882**.

A 20% lighter version of the original color is **54.9097, 57.5300, 89.0993**, and **11.0612, 11.5902, 22.4230** is the 20% darker color. If you saturate the color by 10%, you get **23.2632, 24.0508, 47.6727**, and if you desaturate by 10%, it is **32.0637, 33.7497, 49.0809**.

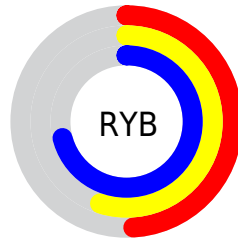
Distribution



Red (49%)

Green (58%)

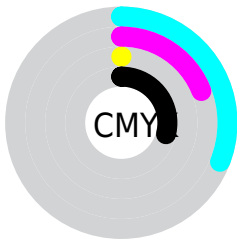
Blue (71%)



Red (49%)

Yellow (55%)

Blue (71%)

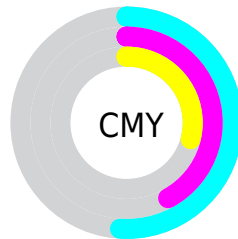


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3347, 28.6048, 48.3366 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 27.3347, 28.6048, 48.3366 by changing the saturation by 10% instead.

■ 27.3347, 28.6048,
48.3366

■ 27.3347, 28.6048,
48.3366

281.4121,
295.3457, 396.6719

■ 17.9626, 18.7821,
33.7316

■ 54.8366, 57.4486,
89.0761

■ 11.0227, 11.5129,
22.4118

■ 73.6971, 77.2384,
116.0478

■ 6.1495, 6.4129,
13.9586

■ 96.4512, 101.1195,
147.9787

■ 2.9777, 3.0978,
7.9535

123.4642,
129.4760, 185.2875

■ 1.1420, 1.1830,
3.9778

155.1014,
162.6925, 228.3927

■ 0.0598, 0.0477,
1.6132

191.7282,

■ 0.0000, 0.0000,

201.1534, 277.7128

0.3002

233.7100,
245.2430, 333.6663

■ 0.0000, 0.0000,
0.0000

■ 27.3347, 28.6048,
48.3366

■ 27.3347, 28.6048,
48.3366

■ 23.2632, 24.0508,
47.6727

■ 32.0637, 33.7497,
49.0809

■ 19.8150, 20.0610,
47.0843

■ 37.4767, 39.5041,
49.9063

■ 16.9570, 16.6115,
46.5691

■ 43.6019, 45.8896,
50.8160

■ 14.6513, 13.6750,
46.1238

■ 50.4652, 52.9259,
51.8124

■ 12.8552, 11.2213,
45.7449

■ 58.0910, 60.6318,
52.8979

■ 11.5190, 9.2160,
45.4283

■ 66.5025, 69.0251,
54.0746

■ 10.6493, 7.7888,
45.1986

■ 75.7222, 78.1232,
55.3448

■ 79.7959, 84.8620,
56.4308

■ 83.1222, 91.5146,
57.5396

Harmonies

Analogous

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



24.8137, 28.6048, 46.0085



27.3347, 28.6048, 48.3366



29.9790, 28.6048, 45.4667

Triad

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



27.3347, 28.6048, 48.3366



31.8127, 28.6048, 24.0339



22.9039, 28.6048, 24.6502

Complementary

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



27.3347, 28.6048, 48.3366



35.5645, 36.5680, 24.5869

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.



24.5758, 28.6048, 20.2002



27.3347, 28.6048, 48.3366



29.7092, 28.6048, 19.8876

Square

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



27.3347, 28.6048, 48.3366



32.6674, 28.6048, 30.7283



27.0418, 28.6048, 18.6070



22.3584, 28.6048, 31.5670

Rectangle

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



27.3347, 28.6048, 48.3366



31.4286, 28.6048, 41.2271



27.0418, 28.6048, 18.6070



23.3471, 28.6048, 22.8585

Sweetspot

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



27.3356, 28.6059, 48.3373



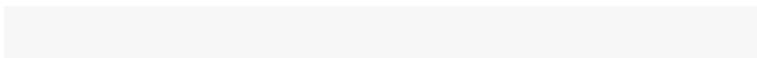
70.2374, 74.0279, 90.8226



31.4616, 40.3267, 39.0184



15.1716, 15.9919, 20.0087



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.



27.3356, 28.6059, 48.3373



44.0368, 45.7098, 86.7376



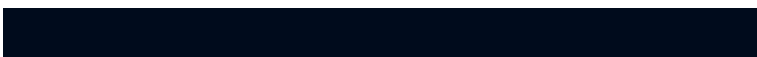
25.0917, 22.8470, 47.3439



8.7977, 9.2727, 11.4055



7.5806, 5.6208, 31.9385



0.3279, 0.3195, 1.1461

Inverse Universe

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



31.8923, 26.7198, 31.0814



53.8385, 42.2779, 49.4791



38.4027, 44.2023, 25.9109



9.1442, 9.0681, 10.1070



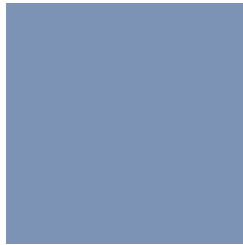
14.4400, 7.3498, 4.9379



0.5397, 0.2713, 0.3353

Previews

White Background



This preview shows how the XYZ color 27.3347, 28.6048, 48.3366 looks on a white background.

Color Contrast Check

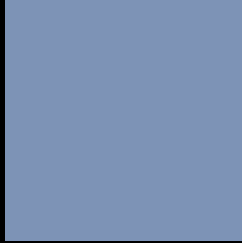
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3347, 28.6048, 48.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

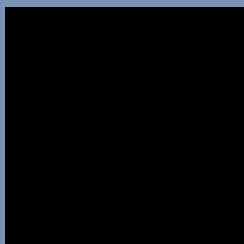
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

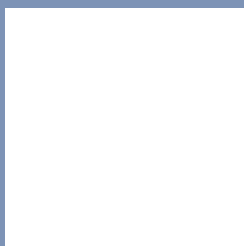
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3347, 28.6048, 48.3366

Background



This preview shows how black text looks on a background with the XYZ color 27.3347, 28.6048, 48.3366.



This preview shows how white text looks on a background with the XYZ color 27.3347, 28.6048,

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

27.3347, 28.6048, 48.3366

Protanopia

28.5280, 28.5602, 47.1891

Deuteranopia

29.1849, 28.6393, 48.7895



Tritanopia

25.3131, 28.4863, 38.3467

Trichromacy



Original Color

27.3347, 28.6048, 48.3366

Protanomaly

28.1388, 28.5735, 47.7482

Deuteranomaly

28.5122, 28.5163, 48.8012

Tritanomaly

25.9349, 28.4970, 41.6697

Monochromacy



Original Color

27.3347, 28.6048, 48.3366

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6135, 28.0378, 36.3569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3347, 28.6048, 48.3366 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(125, 147, 182)` looks like.

```
.text, #text, p{  
    color:rgb(125, 147, 182)  
}
```

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(125, 147, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 147, 182) }
```

Border

The CSS property to change the border of an element to XYZ 27.3347, 28.6048, 48.3366 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(125, 147, 182) }
```


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

```
.border{ border-color:rgb(125, 147, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 147, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 147, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 147, 182);  
box-shadow:4px 4px 4px 4px rgb(125, 147,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3347, 28.6048, 48.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 147, 182) }
```

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

```
.background{ background-color: rgb(125,  
147, 182) }
```

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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