

Converting Colors

XYZ(27.5957, 29.1450, 48.2189)

Have a look what the booklet for
XYZ(27.5957, 29.1450, 48.2189)
contains.

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Color

**XYZ(27.6484, 29.2323,
48.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	7D95B6
RGB	125, 149, 182
RGB Percent	49%, 58%, 71%
CMY	0.5098, 0.4157, 0.2863
CMYK	0.31, 0.18, 0.00, 0.29
HSL	215°, 28%, 60%
HSV	215°, 31%, 71%
XYZ	27.6484, 29.2323, 48.4411
YIQ	145.5860, -24.8970, 5.1750

Conversions

Conversions Part 2

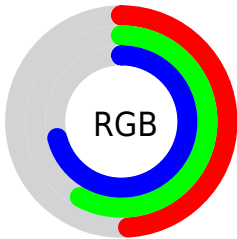
Format	Color
R _Y B	125, 142, 182
Decimal	8230326
CIE _{Lab}	60.99, -0.54, -19.95
CIE _{LCh}	61, 19.952, 268.442
Yxy	29.2323, 0.2625, 0.2776
Android (android.graphics.Color)	4286420406 (0xFF7D95B6)
YUV	145.5860, 17.9521, -18.0539
Hunter-Lab	54.0669, -3.3368, -15.2739

Details

The XYZ color **27.6484, 29.2323, 48.4411** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.2204, 35.8798, 24.4721**, and the grayscale version is **27.0894, 28.5001, 31.0366**.

A 20% lighter version of the original color is **55.3790, 58.4686, 89.2557**, and **11.1542, 11.7762, 22.4540** is the 20% darker color. If you saturate the color by 10%, you get **23.6388, 24.8021, 47.7978**, and if you desaturate by 10%, it is **32.2975, 34.2174, 49.1588**.

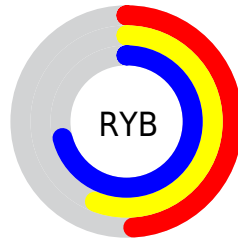
Distribution



Red (49%)

Green (58%)

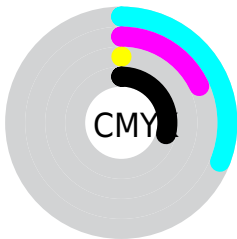
Blue (71%)



Red (49%)

Yellow (56%)

Blue (71%)

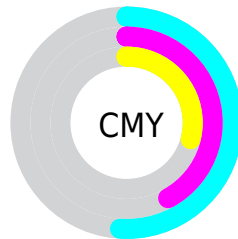


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6484, 29.2323, 48.4411 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 27.6484, 29.2323, 48.4411 by changing the saturation by 10% instead.

■ 27.6484, 29.2323,
48.4411

■ 27.6484, 29.2323,
48.4411

282.8936,
298.3094, 397.0969

■ 18.1999, 19.2566,
33.8139

■ 55.3352, 58.4460,
89.2332

■ 11.1941, 11.8559,
22.4744

■ 74.3042, 78.4527,
116.2351

■ 6.2658, 6.6456,
14.0043

■ 97.1773, 102.5720,
148.1990

■ 3.0496, 3.2415,
7.9849

124.3201,
131.1881, 185.5434

■ 1.1800, 1.2591,
3.9976

156.0977,
164.6856, 228.6868

■ 0.0905, 0.1092,
1.6240

192.8756,

■ 0.0000, 0.0000,

203.4487, 278.0479

0.3079

235.0191,
247.8618, 334.0451

■ 0.0000, 0.0000,
0.0000

■ 27.6484, 29.2323,
48.4411

■ 27.6484, 29.2323,
48.4411

■ 23.6388, 24.8021,
47.7978

■ 32.2975, 34.2174,
49.1588

■ 20.2354, 20.9018,
47.2244

■ 37.6118, 39.7744,
49.9513

■ 17.4057, 17.5090,
46.7186

■ 43.6188, 45.9235,
50.8216

■ 15.1130, 14.5985,
46.2777

■ 50.3437, 52.6831,
51.7719

■ 13.3155, 12.1419,
45.8982

■ 57.8102, 60.0705,
52.8043

■ 11.9645, 10.1070,
45.5767

■ 66.0410, 68.1023,
53.9208

■ 11.0720, 8.6344,
45.3395

■ 75.0579, 76.7947,
55.1233

■ 78.9061, 83.0825,
56.1342

■ 81.9836, 89.2375,
57.1600

Harmonies

Analogous

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



25.2431, 29.2323, 45.6932



27.6484, 29.2323, 48.4411



30.2404, 29.2323, 46.1916

Triad

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



27.6484, 29.2323, 48.4411



32.4284, 29.2323, 25.4706



23.7289, 29.2323, 24.8925

Complementary

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



27.6484, 29.2323, 48.4411



35.2204, 35.8798, 24.4721

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.



25.4651, 29.2323, 20.8027



27.6484, 29.2323, 48.4411



30.4908, 29.2323, 21.0980

Square

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



27.6484, 29.2323, 48.4411



33.1015, 29.2323, 32.2208



27.9209, 29.2323, 19.5289



23.0696, 29.2323, 31.4404

Rectangle

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



27.6484, 29.2323, 48.4411



31.7060, 29.2323, 42.3317



27.9209, 29.2323, 19.5289



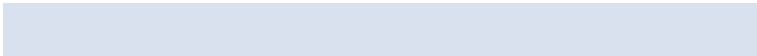
24.2004, 29.2323, 23.2252

Sweetspot

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



27.6493, 29.2335, 48.4418



70.4392, 74.4316, 90.8899



31.2975, 40.2611, 38.1551



15.2227, 16.0940, 20.0257



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.



27.6493, 29.2335, 48.4418



44.6911, 47.0184, 86.9557



24.8008, 22.6970, 47.3302



8.8236, 9.3243, 11.4142



7.8817, 6.2231, 32.0388



0.3394, 0.3425, 1.1500

Inverse Universe

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



32.0506, 26.7831, 31.9154



54.1687, 42.4099, 51.2182



38.8362, 44.4258, 25.9310



9.1573, 9.0733, 10.1757



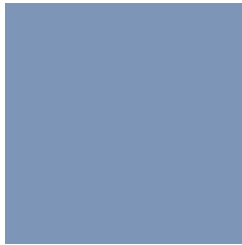
14.5920, 7.4106, 5.7383



0.5455, 0.2737, 0.3659

Previews

White Background



This preview shows how the XYZ color 27.6484, 29.2323, 48.4411 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 27.6484, 29.2323, 48.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

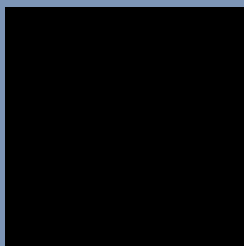
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

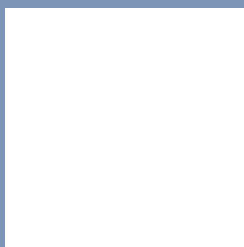
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6484, 29.2323, 48.4411

Background



This preview shows how black text looks on a background with the XYZ color 27.6484, 29.2323, 48.4411.

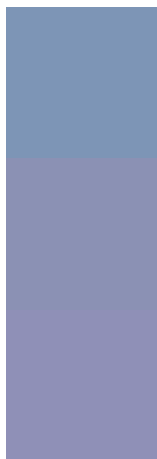


This preview shows how white text looks on a background with the XYZ color 27.6484, 29.2323,

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

27.6484, 29.2323, 48.4411

Protanopia

29.0111, 29.0351, 47.2553

Deuteranopia

29.8482, 29.2051, 48.8637



Tritanopia

25.8142, 29.2018, 39.3979

Trichromacy



Original Color

27.6484, 29.2323, 48.4411

Protanomaly

28.4509, 28.9623, 47.8068

Deuteranomaly

28.9795, 29.2109, 48.9106

Tritanomaly

26.4433, 29.2111, 42.7727

Monochromacy



Original Color

27.6484, 29.2323, 48.4411

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1730, 28.7739, 36.9226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6484, 29.2323, 48.4411 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, 149, 182)` looks like.

```
.text, #text, p{  
    color:rgb(125, 149, 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, 149, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 149, 182) }
```

Border

The CSS property to change the border of an element to XYZ 27.6484, 29.2323, 48.4411 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, 149, 182) }
```


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

```
.border{ border-color:rgb(125, 149, 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, 149, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(125, 149,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6484, 29.2323, 48.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 149, 182) }
```

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

```
.background{ background-color: rgb(125,  
149, 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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