

Converting Colors

XYZ(28.3105, 30.1641, 48.0736)

Have a look what the booklet for
XYZ(28.3105, 30.1641, 48.0736)
contains.

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Color

**XYZ(28.3092, 30.0586,
48.0259)**

Conversions

Conversions Part 1

Format	Color
Hex	8097B5
RGB	128, 151, 181
RGB Percent	50%, 59%, 71%
CMY	0.4980, 0.4078, 0.2902
CMYK	0.29, 0.17, 0.00, 0.29
HSL	214°, 26%, 61%
HSV	214°, 29%, 71%
XYZ	28.3092, 30.0586, 48.0259
YIQ	147.5430, -23.3380, 4.4540

Conversions

Conversions Part 2

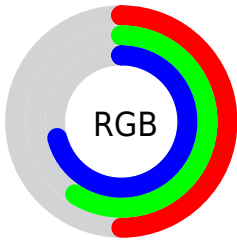
Format	Color
RYB	128, 144, 181
Decimal	8427445
CIELab	61.70, -1.02, -18.27
CIElCh	62, 18.297, 266.800
Yxy	30.0586, 0.2661, 0.2825
Android (android.graphics.Color)	4286617525 (0xFF8097B5)
YUV	147.5430, 16.4943, -17.1392
Hunter-Lab	54.8257, -3.7767, -13.5585

Details

The XYZ color **28.3092, 30.0586, 48.0259** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.1797, 35.8364, 25.4859**, and the grayscale version is **27.8995, 29.3525, 31.9648**.

A 20% lighter version of the original color is **56.4088, 59.7222, 88.6752**, and **11.5140, 12.2506, 22.1798** is the 20% darker color. If you saturate the color by 10%, you get **24.2481, 25.6234, 47.3844**, and if you desaturate by 10%, it is **33.0012, 35.0331, 48.7393**.

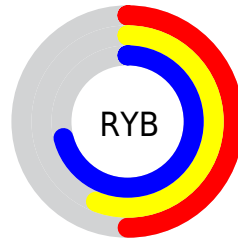
Distribution



Red (50%)

Green (59%)

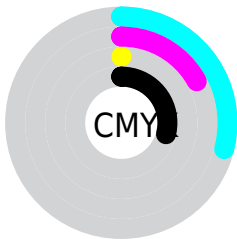
Blue (71%)



Red (50%)

Yellow (56%)

Blue (71%)

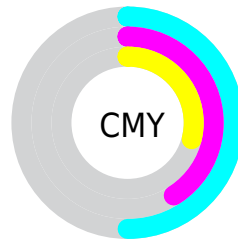


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (41%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3092, 30.0586, 48.0259 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 28.3092, 30.0586, 48.0259 by changing the saturation by 10% instead.

■ 28.3092, 30.0586,
48.0259

■ 28.3092, 30.0586,
48.0259

285.9948,
302.1775, 395.4065

■ 18.7005, 19.8831,
33.4873

■ 56.3829, 59.7548,
88.6089

■ 11.5568, 12.3101,
22.2258

■ 75.5787, 80.0443,
115.4904

■ 6.5127, 6.9552,
13.8230

■ 98.7008, 104.4739,
147.3232

■ 3.2029, 3.4341,
7.8603

126.1147,
133.4281, 184.5259

■ 1.2619, 1.3624,
3.9192

158.1857,
167.2911, 227.5170

■ 0.1544, 0.1887,
1.5811

195.2791,

■ 0.0000, 0.0000,

206.4474, 276.7151

0.2773

237.7604,
251.2814, 332.5388

■ 0.0000, 0.0000,
0.0000

■ 28.3092, 30.0586,
48.0259

■ 28.3092, 30.0586,
48.0259

■ 24.2481, 25.6234,
47.3844

■ 33.0012, 35.0331,
48.7393

■ 20.7855, 21.7035,
46.8102

■ 38.3485, 40.5627,
49.5248

■ 17.8905, 18.2778,
46.3016

■ 44.3779, 46.6669,
50.3852

■ 15.5277, 15.3224,
45.8557

■ 51.1137, 53.3629,
51.3227

■ 13.6576, 12.8107,
45.4695

■ 58.5787, 60.6674,
52.3391

■ 12.2340, 10.7126,
45.1395

■ 66.7951, 68.5962,
53.4365

■ 11.1737, 8.9783,
44.8606

■ 75.7838, 77.1647,
54.6166

■ 11.1043, 8.8637,
44.8422

■ 78.7090, 82.8530,
55.5604

■ 81.6934, 88.8218,
56.5552

Harmonies

Analogous

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



26.0819, 30.0586, 45.2803



28.3092, 30.0586, 48.0259



30.7333, 30.0586, 46.2162

Triad

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



28.3092, 30.0586, 48.0259



32.9562, 30.0586, 27.0474



24.8283, 30.0586, 25.9215

Complementary

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



28.3092, 30.0586, 48.0259



35.1797, 35.8364, 25.4859

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.



26.5103, 30.0586, 22.1593



28.3092, 30.0586, 48.0259



31.2111, 30.0586, 22.7416

Square

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



28.3092, 30.0586, 48.0259



33.5043, 30.0586, 33.4830



28.8320, 30.0586, 21.0828



24.1452, 30.0586, 31.9858

Rectangle

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



28.3092, 30.0586, 48.0259



32.1207, 30.0586, 42.7931



28.8320, 30.0586, 21.0828



25.2908, 30.0586, 24.3807

Sweetspot

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



28.3101, 30.0598, 48.0266



68.8134, 72.7820, 88.7161



31.5253, 40.0770, 38.0403



14.5592, 15.4094, 19.1292



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.



28.3101, 30.0598, 48.0266



45.9882, 48.7174, 85.2742



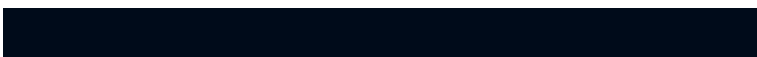
25.3664, 23.5729, 46.9296



8.3352, 8.8166, 10.7688



7.7214, 6.2432, 30.9351



0.3013, 0.3132, 0.9928

Inverse Universe

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



32.3619, 27.4974, 32.8813



54.5275, 43.8462, 53.2365



38.8613, 44.1133, 26.8895



8.6444, 8.5645, 9.6258



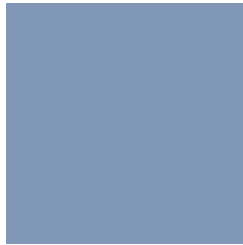
14.1321, 7.1704, 5.8554



0.4741, 0.2374, 0.3395

Previews

White Background



This preview shows how the XYZ color 28.3092, 30.0586, 48.0259 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 28.3092, 30.0586, 48.0259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

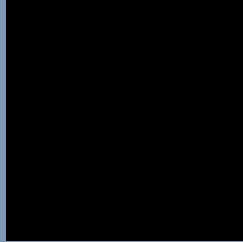
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

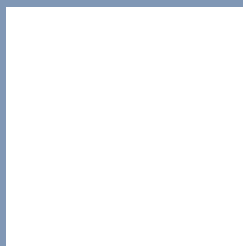
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3092, 30.0586, 48.0259

Background



This preview shows how black text looks on a background with the XYZ color 28.3092, 30.0586, 48.0259.



This preview shows how white text looks on a background with the XYZ color 28.3092, 30.0586,

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

28.3092, 30.0586, 48.0259

Protanopia

29.7257, 29.8729, 46.8472

Deuteranopia

30.5764, 30.0462, 48.4439



Tritanopia

26.8960, 30.2244, 40.4927

Trichromacy



Original Color

28.3092, 30.0586, 48.0259

Protanomaly

29.1447, 29.7935, 47.3946

Deuteranomaly

29.6809, 30.0462, 48.4911

Tritanomaly

27.3461, 30.1584, 42.9079

Monochromacy



Original Color

28.3092, 30.0586, 48.0259

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0771, 29.6957, 37.5097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3092, 30.0586, 48.0259 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(128, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(128, 151, 181)  
}
```

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(128, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 151, 181) }
```

Border

The CSS property to change the border of an element to XYZ 28.3092, 30.0586, 48.0259 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(128, 151, 181) }
```


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

```
.border{ border-color:rgb(128, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(128, 151,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3092, 30.0586, 48.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 151, 181) }
```

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

```
.background{ background-color: rgb(128,  
151, 181) }
```

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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