

Converting Colors

XYZ(30.2232, 29.2481, 50.6529)

Have a look what the booklet for
XYZ(30.2232, 29.2481, 50.6529)
contains.

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Color

**XYZ(30.3378, 29.4210,
50.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	9090BA
RGB	144, 144, 186
RGB Percent	56%, 56%, 73%
CMY	0.4353, 0.4353, 0.2706
CMYK	0.23, 0.23, 0.00, 0.27
HSL	240°, 23%, 65%
HSV	240°, 23%, 73%
XYZ	30.3378, 29.4210, 50.5342
YIQ	148.7880, -13.4820, 13.0620

Conversions

Conversions Part 2

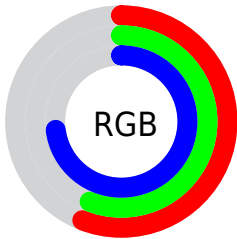
Format	Color
RYB	144, 144, 186
Decimal	9474234
CIELab	61.15, 9.16, -21.83
CIELCh	61, 23.671, 292.757
Yxy	29.4210, 0.2751, 0.2668
Android (android.graphics.Color)	4287664314 (0xFF9090BA)
YUV	148.7880, 18.3455, -4.1991
Hunter-Lab	54.2411, 4.9155, -17.2692

Details

The XYZ color **30.3378, 29.4210, 50.5342** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8430, 47.5706, 33.3104**, and the grayscale version is **28.4083, 29.8877, 32.5477**.

A 20% lighter version of the original color is **59.5098, 58.8047, 92.2183**, and **12.7505, 12.0260, 23.8395** is the 20% darker color. If you saturate the color by 10%, you get **24.7641, 22.7051, 49.5322**, and if you desaturate by 10%, it is **36.9127, 37.3434, 51.7173**.

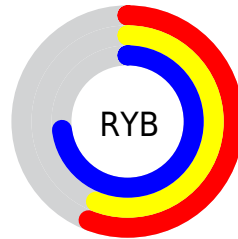
Distribution



Red (56%)

Green (56%)

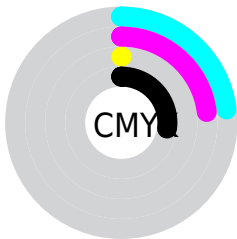
Blue (73%)



Red (56%)

Yellow (56%)

Blue (73%)

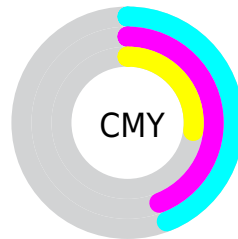


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3378, 29.4210, 50.5342 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 30.3378, 29.4210, 50.5342 by changing the saturation by 10% instead.

■ 30.3378, 29.4210,
50.5342

■ 30.3378, 29.4210,
50.5342

295.3575,
299.1962, 405.5461

■ 20.2445, 19.3995,
35.4639

■ 59.5789, 58.7453,
92.3703

■ 12.6822, 11.9593,
23.7340

■ 79.4575, 78.8169,
119.9732

■ 7.2855, 6.7160,
14.9261

103.3285,
103.0074, 152.5907

■ 3.6892, 3.2851,
8.6215

131.5572,
131.7011, 190.6413

■ 1.5279, 1.2823,
4.4017

164.5092,
165.2825, 234.5436

■ 0.3447, 0.1275,
1.8482

202.5496,

■ 0.0000, 0.0000,

204.1358, 284.7162

0.4595

246.0440,
248.6456, 341.5775

■ 0.0000, 0.0000,
0.0000

■ 30.3378, 29.4210,
50.5342

■ 30.3378, 29.4210,
50.5342

■ 24.7641, 22.7051,
49.5322

■ 36.9127, 37.3434,
51.7173

■ 20.1399, 17.1333,
48.7004

■ 44.5316, 46.5236,
53.0877

■ 16.4132, 12.6428,
48.0301

■ 53.2382, 57.0143,
54.6538

■ 13.5257, 9.1636,
47.5107

■ 63.0727, 68.8642,
56.4227

■ 11.4124, 6.6172,
47.1306

■ 74.0735, 82.1194,
58.4014

■ 9.9987, 4.9137,
46.8763

■ 85.8630, 96.3252,
60.5220

■ 9.1955, 3.9459,
46.7318

■ 8.8631, 3.5453,
46.6720

Harmonies

Analogous

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



27.2176, 29.4210, 52.1706



30.3378, 29.4210, 50.5342



32.9919, 29.4210, 43.5390

Triad

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



30.3378, 29.4210, 50.5342



31.7356, 29.4210, 20.2579



22.4485, 29.4210, 29.9263

Complementary

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



30.3378, 29.4210, 50.5342



42.8430, 47.5706, 33.3104

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.



23.4744, 29.4210, 22.7592



30.3378, 29.4210, 50.5342



28.7234, 29.4210, 17.8880

Square

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



30.3378, 29.4210, 50.5342



33.8397, 29.4210, 25.8642



25.7170, 29.4210, 18.7105



22.8108, 29.4210, 39.1155

Rectangle

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



30.3378, 29.4210, 50.5342



34.0632, 29.4210, 37.3760



25.7170, 29.4210, 18.7105



22.6397, 29.4210, 27.2278

Sweetspot

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



30.3387, 29.4222, 50.5349



74.2117, 76.4894, 95.0540



37.8498, 44.5632, 52.6723



16.1589, 16.6229, 20.8994



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.3387, 29.4222, 50.5349



49.8516, 47.1372, 90.6723



34.2088, 31.4170, 50.7159



8.5212, 8.7195, 11.3134



5.9627, 2.3852, 31.3992



0.2102, 0.0841, 1.1069

Inverse Universe

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



35.2578, 32.4001, 30.7824



60.3151, 53.4717, 48.6556



38.2567, 45.2066, 33.0959



9.0046, 9.0122, 9.3719



13.6234, 7.0231, 0.6377



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 30.3378, 29.4210, 50.5342 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 30.3378, 29.4210, 50.5342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

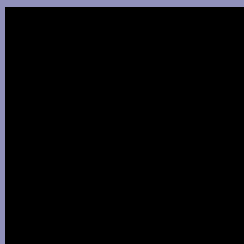
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3378, 29.4210, 50.5342

Background



This preview shows how black text looks on a background with the XYZ color 30.3378, 29.4210, 50.5342.



This preview shows how white text looks on a background with the XYZ color 30.3378, 29.4210,

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

30.3378, 29.4210, 50.5342

Protanopia

29.5651, 29.4640, 51.1426

Deuteranopia

30.1437, 29.5468, 50.5687



Tritanopia

27.7401, 29.5219, 37.4939

Trichromacy



Original Color

30.3378, 29.4210, 50.5342

Protanomaly

29.9103, 29.4141, 51.1148

Deuteranomaly

30.3160, 29.6356, 50.5768

Tritanomaly

28.5797, 29.3947, 41.7036

Monochromacy



Original Color

30.3378, 29.4210, 50.5342

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9879, 29.6791, 38.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3378, 29.4210, 50.5342 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(144, 144, 186)` looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 186)  
}
```

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(144, 144, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 186) }
```

Border

The CSS property to change the border of an element to XYZ 30.3378, 29.4210, 50.5342 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(144, 144, 186) }
```


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

```
.border{ border-color:rgb(144, 144, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 186);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3378, 29.4210, 50.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 186) }
```

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

```
.background{ background-color: rgb(144,  
144, 186) }
```

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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