

Converting Colors

XYZ(29.5491, 29.4901, 50.8208)

Have a look what the booklet for
XYZ(29.5491, 29.4901, 50.8208)
contains.

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Color

**XYZ(29.4583, 29.4213,
50.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	8992BA
RGB	137, 146, 186
RGB Percent	54%, 57%, 73%
CMY	0.4627, 0.4274, 0.2706
CMYK	0.26, 0.22, 0.00, 0.27
HSL	229°, 26%, 63%
HSV	229°, 26%, 73%
XYZ	29.4583, 29.4213, 50.5806
YIQ	147.8690, -18.2040, 10.5320

Conversions

Conversions Part 2

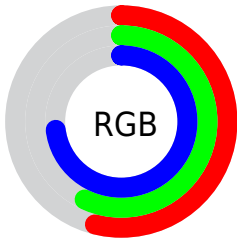
Format	Color
R_{YB}	137, 145, 186
Decimal	9015994
CIE _{Lab}	61.15, 5.82, -21.88
CIE _{LCh}	61, 22.636, 284.900
Yxy	29.4213, 0.2691, 0.2688
Android (android.graphics.Color)	4287206074 (0xFF8992BA)
YUV	147.8690, 18.7986, -9.5321
Hunter-Lab	54.2414, 2.0202, -17.3195

Details

The XYZ color **29.4583, 29.4213, 50.5806** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.4875, 43.6896, 29.9667**, and the grayscale version is **28.0241, 29.4835, 32.1075**.

A 20% lighter version of the original color is **58.1671, 58.7957, 92.2874**, and **12.2543, 12.0376, 23.8679** is the 20% darker color. If you saturate the color by 10%, you get **24.4811, 23.6092, 49.7216**, and if you desaturate by 10%, it is **35.2739, 36.1284, 51.5692**.

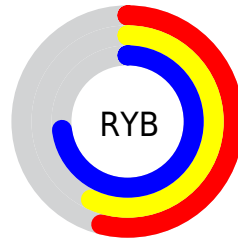
Distribution



Red (54%)

Green (57%)

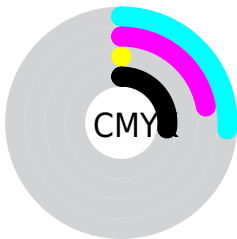
Blue (73%)



Red (54%)

Yellow (57%)

Blue (73%)

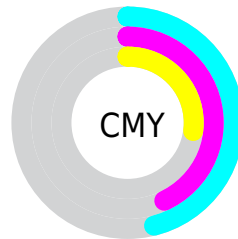


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4583, 29.4213, 50.5806 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 29.4583, 29.4213, 50.5806 by changing the saturation by 10% instead.

■ 29.4583, 29.4213,
50.5806

■ 29.4583, 29.4213,
50.5806

291.3266,
299.1976, 405.7321

■ 19.5738, 19.3998,
35.5005

■ 58.1970, 58.7458,
92.4397

■ 12.1921, 11.9595,
23.7621

■ 77.7819, 78.8175,
120.0558

■ 6.9478, 6.7161,
14.9466

■ 101.3310,
103.0081, 152.6876

■ 3.4755, 3.2852,
8.6357

129.2096,
131.7019, 190.7537

■ 1.4099, 1.2824,
4.4108

161.7831,
165.2834, 234.6727

■ 0.2633, 0.1275,
1.8533

199.4169,

■ 0.0000, 0.0000,

204.1369, 284.8631

0.4628

242.4763,
248.6468, 341.7433

■ 0.0000, 0.0000,
0.0000

■ 29.4583, 29.4213,
50.5806

■ 29.4583, 29.4213,
50.5806

■ 24.4811, 23.6092,
49.7216

■ 35.2739, 36.1284,
51.5692

■ 20.3002, 18.6504,
48.9848

■ 41.9616, 43.7630,
52.6903

■ 16.8745, 14.5050,
48.3652

■ 49.5566, 52.3599,
53.9494

■ 14.1574, 11.1285,
47.8567

■ 58.0914, 61.9515,
55.3509

■ 12.0974, 8.4719,
47.4525

■ 67.5968, 72.5684,
56.8992

■ 10.6355, 6.4802,
47.1451

■ 78.1024, 84.2399,
58.5983

■ 9.6975, 5.0879,
46.9258

■ 85.0033, 94.6058,
60.2354

■ 9.4399, 4.6989,
46.8643

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



26.5027, 29.4213, 50.5607



29.4583, 29.4213, 50.5806



32.1917, 29.4213, 45.0715

Triad

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



29.4583, 29.4213, 50.5806



32.2071, 29.4213, 21.8219



22.8052, 29.4213, 27.9606

Complementary

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



29.4583, 29.4213, 50.5806



40.4875, 43.6896, 29.9667

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.



24.1238, 29.4213, 21.7908



29.4583, 29.4213, 50.5806



29.4781, 29.4213, 18.6973

Square

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



29.4583, 29.4213, 50.5806



33.8534, 29.4213, 28.0108



26.5212, 29.4213, 18.6870



22.8007, 29.4213, 36.4268

Rectangle

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



29.4583, 29.4213, 50.5806



33.4606, 29.4213, 39.4850



26.5212, 29.4213, 18.6870



23.1051, 29.4213, 25.5862

Sweetspot

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



29.4592, 29.4225, 50.5813



73.7694, 76.7201, 95.1218



35.7323, 43.5793, 47.7070



15.8274, 16.4190, 20.8776



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.



29.4592, 29.4225, 50.5813



47.6397, 46.6246, 90.6900



30.7021, 28.0838, 50.2574



8.6510, 8.9793, 11.3567



6.3917, 3.2431, 31.5422



0.2661, 0.1959, 1.1255

Inverse Universe

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



34.3844, 30.4065, 31.2522



58.2440, 48.9880, 49.0179



38.9349, 45.6162, 30.4204



9.0702, 9.0385, 9.7171



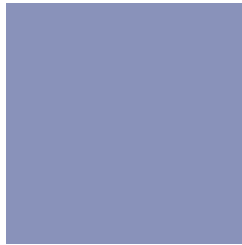
13.8399, 7.1097, 1.7779



0.5085, 0.2589, 0.1711

Previews

White Background



This preview shows how the XYZ color 29.4583, 29.4213, 50.5806 looks on a white background.

Color Contrast Check

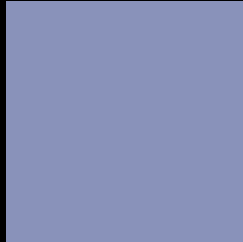
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4583, 29.4213, 50.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

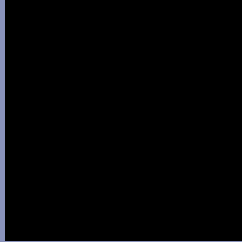
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4583, 29.4213, 50.5806

Background



This preview shows how black text looks on a background with the XYZ color 29.4583, 29.4213, 50.5806.



This preview shows how white text looks on a background with the XYZ color 29.4583, 29.4213,

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

29.4583, 29.4213, 50.5806

Protanopia

29.6230, 29.5062, 50.5883

Deuteranopia

30.1437, 29.5468, 50.5687



Tritanopia

26.9437, 29.3269, 38.4230

Trichromacy



Original Color

29.4583, 29.4213, 50.5806

Protanomaly

29.6230, 29.5062, 50.5883

Deuteranomaly

29.8035, 29.3714, 50.5528

Tritanomaly

27.9296, 29.5035, 42.7508

Monochromacy



Original Color

29.4583, 29.4213, 50.5806

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4569, 29.4054, 38.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4583, 29.4213, 50.5806 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(137, 146, 186)` looks like.

```
.text, #text, p{  
    color:rgb(137, 146, 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(137, 146, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 146, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.4583, 29.4213, 50.5806 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(137, 146, 186) }
```


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

```
.border{ border-color:rgb(137, 146, 186) }
```

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

Here you see how a box with a 4 pixel rgb(137, 146, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 146, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 146, 186);  
box-shadow:4px 4px 4px 4px rgb(137, 146,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4583, 29.4213, 50.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 146, 186) }
```

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

```
.background{ background-color: rgb(137,  
146, 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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