

Converting Colors

XYZ(28.5101, 30.3294, 51.3652)

Have a look what the booklet for
XYZ(28.5101, 30.3294, 51.3652)
contains.

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Color

**XYZ(28.5101, 30.3294,
51.3652)**

Conversions

Conversions Part 1

Format	Color
Hex	7C98BB
RGB	124, 152, 187
RGB Percent	49%, 60%, 73%
CMY	0.5137, 0.4039, 0.2667
CMYK	0.34, 0.19, 0.00, 0.27
HSL	213°, 32%, 61%
HSV	213°, 34%, 73%
XYZ	28.5101, 30.3294, 51.3652
YIQ	147.6180, -27.9230, 4.9490

Conversions

Conversions Part 2

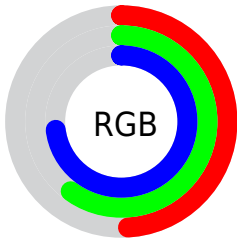
Format	Color
R_{YB}	124, 143, 187
Decimal	8165563
CIE _{Lab}	61.94, -1.24, -21.32
CIE _{LCh}	62, 21.353, 266.681
Yxy	30.3294, 0.2587, 0.2752
Android (android.graphics.Color)	4286355643 (0xFF7C98BB)
YUV	147.6180, 19.4153, -20.7130
Hunter-Lab	55.0721, -3.9692, -16.7487

Details

The XYZ color **28.5101, 30.3294, 51.3652** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.5304, 36.8170, 24.2509**, and the grayscale version is **27.9203, 29.3743, 31.9886**.

A 20% lighter version of the original color is **56.6091, 60.0787, 93.4067**, and **11.7044, 12.4451, 24.3395** is the 20% darker color. If you saturate the color by 10%, you get **24.4468, 25.8409, 50.7135**, and if you desaturate by 10%, it is **33.2356, 35.3799, 52.0915**.

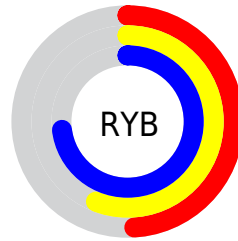
Distribution



Red (49%)

Green (60%)

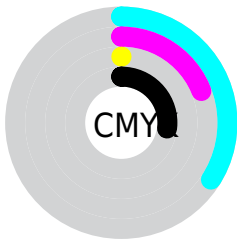
Blue (73%)



Red (49%)

Yellow (56%)

Blue (73%)

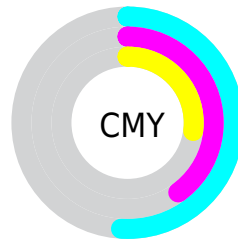


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5101, 30.3294, 51.3652 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 28.5101, 30.3294, 51.3652 by changing the saturation by 10% instead.

■ 28.5101, 30.3294,
51.3652

■ 28.5101, 30.3294,
51.3652

286.9325,
303.4369, 408.8680

■ 18.8529, 20.0887,
36.1206

■ 56.7008, 60.1827,
93.6114

■ 11.6674, 12.4596,
24.2369

■ 75.9650, 80.5642,
121.4501

■ 6.5882, 7.0575,
15.2956

■ 99.1623, 105.0947,
154.3238

■ 3.2500, 3.4981,
8.8782

126.6581,
134.1586, 192.6512

■ 1.2873, 1.3970,
4.5661

158.8176,
168.1404, 236.8508

■ 0.1737, 0.2145,
1.9408

196.0063,

■ 0.0000, 0.0000,

207.4245, 287.3411

0.5185

238.5895,
252.3952, 344.5406

■ 0.0000, 0.0000,
0.0000

■ 28.5101, 30.3294,
51.3652

■ 28.5101, 30.3294,
51.3652

■ 24.4468, 25.8409,
50.7135

■ 33.2356, 35.3799,
52.0915

■ 21.0098, 21.8882,
50.1317

■ 38.6506, 41.0099,
52.8928

■ 18.1644, 18.4484,
49.6177

■ 44.7846, 47.2404,
53.7721

■ 15.8705, 15.4946,
49.1685

■ 51.6644, 54.0902,
54.7317

■ 14.0828, 12.9972,
48.7807

■ 59.3152, 61.5773,
55.7736

■ 12.7470, 10.9214,
48.4504

■ 67.7611, 69.7188,
56.8999

■ 12.0716, 9.7917,
48.2680

■ 77.0251, 78.5312,
58.1126

■ 79.9505, 84.3293,
59.0776

■ 83.0142, 90.4568,
60.0988

Harmonies

Analogous

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



25.9119, 30.3294, 48.0029



28.5101, 30.3294, 51.3652



31.3666, 30.3294, 49.1820

Triad

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



28.5101, 30.3294, 51.3652



34.0231, 30.3294, 26.4470



24.4734, 30.3294, 25.1088

Complementary

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



28.5101, 30.3294, 51.3652



36.5304, 36.8170, 24.2509

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.



26.4287, 30.3294, 20.8597



28.5101, 30.3294, 51.3652



31.9533, 30.3294, 21.5379

Square

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



28.5101, 30.3294, 51.3652



34.6705, 30.3294, 33.9434



29.1466, 30.3294, 19.6684



23.6803, 30.3294, 32.1205

Rectangle

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



28.5101, 30.3294, 51.3652



33.0143, 30.3294, 45.0444



29.1466, 30.3294, 19.6684



25.0100, 30.3294, 23.3576

Sweetspot

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



28.5111, 30.3306, 51.3659



72.9473, 77.2586, 95.2691



32.3110, 42.3175, 39.1079



15.7315, 16.6741, 20.9318



90.7827, 95.5105, 104.0109



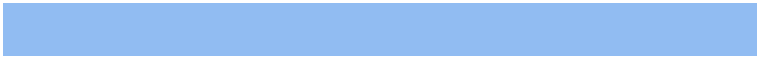
18.6292, 19.5994, 21.3438

Same Dimension

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



28.5111, 30.3306, 51.3659



45.8759, 48.6225, 91.1686



24.9530, 22.5278, 50.0473



9.3561, 9.9046, 12.0909



8.3871, 6.8860, 33.2800



0.3938, 0.4003, 1.3254

Inverse Universe

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



33.3695, 27.2481, 33.2076



56.0050, 42.9283, 53.1474



41.1403, 47.1683, 26.0059



9.7016, 9.6049, 10.8177



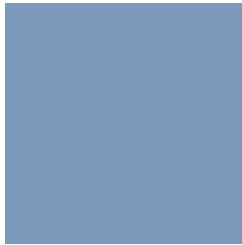
15.2342, 7.7248, 6.5269



0.6297, 0.3158, 0.4291

Previews

White Background



This preview shows how the XYZ color 28.5101, 30.3294, 51.3652 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 28.5101, 30.3294, 51.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

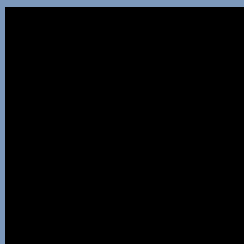
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

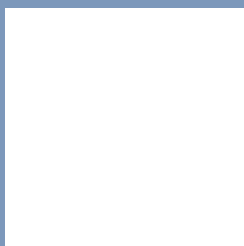
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5101, 30.3294, 51.3652

Background



This preview shows how black text looks on a background with the XYZ color 28.5101, 30.3294, 51.3652.



This preview shows how white text looks on a background with the XYZ color 28.5101, 30.3294,

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

28.5101, 30.3294, 51.3652

Protanopia

30.2261, 30.3032, 49.6034

Deuteranopia

30.8576, 30.1179, 51.7639



Tritanopia

26.5350, 30.2629, 41.4886

Trichromacy



Original Color

28.5101, 30.3294, 51.3652

Protanomaly

29.4961, 30.1486, 50.1636

Deuteranomaly

29.9835, 30.1290, 51.8121

Tritanomaly

27.1786, 30.2713, 44.9679

Monochromacy



Original Color

28.5101, 30.3294, 51.3652

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9165, 29.5925, 38.4230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5101, 30.3294, 51.3652 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(124, 152, 187)` looks like.

```
.text, #text, p{  
    color:rgb(124, 152, 187)  
}
```

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(124, 152, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 152, 187) }
```

Border

The CSS property to change the border of an element to XYZ 28.5101, 30.3294, 51.3652 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(124, 152, 187) }
```


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

```
.border{ border-color:rgb(124, 152, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 152, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 152, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 152, 187);  
box-shadow:4px 4px 4px 4px rgb(124, 152,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5101, 30.3294, 51.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 152, 187) }
```

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

```
.background{ background-color: rgb(124,  
152, 187) }
```

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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