

Converting Colors

XYZ(15.4650, 16.3236, 28.7212)

Have a look what the booklet for
XYZ(15.4650, 16.3236, 28.7212)
contains.

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Color

**XYZ(15.4650, 16.3236,
28.7212)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7290
RGB	92, 114, 144
RGB Percent	36%, 45%, 56%
CMY	0.6392, 0.5529, 0.4353
CMYK	0.36, 0.21, 0.00, 0.44
HSL	215°, 22%, 46%
HSV	215°, 36%, 56%
XYZ	15.4650, 16.3236, 28.7212
YIQ	110.8420, -22.7420, 4.6660

Conversions

Conversions Part 2

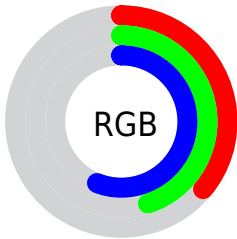
Format	Color
R _Y B	92, 107, 144
Decimal	6058640
CIE Lab	47.40, -0.29, -18.96
CIE LCh	47, 18.964, 269.111
Yxy	16.3236, 0.2556, 0.2698
Android (android.graphics.Color)	4284248720 (0xFF5C7290)
YUV	110.8420, 16.3469, -16.5244
Hunter-Lab	40.4025, -2.3792, -13.8662

Details

The XYZ color **15.4650, 16.3236, 28.7212** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **20.3932, 20.6213, 13.0312**, and the grayscale version is **15.0230, 15.8054, 17.2120**.

A 20% lighter version of the original color is **35.3309, 37.2789, 58.7595**, and **4.9649, 5.2182, 11.3352** is the 20% darker color. If you saturate the color by 10%, you get **13.2661, 13.8619, 28.3622**, and if you desaturate by 10%, it is **18.0235, 19.0978, 29.1221**.

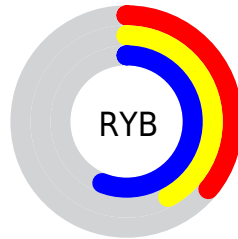
Distribution



Red (36%)

Green (45%)

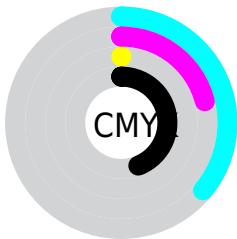
Blue (56%)



Red (36%)

Yellow (42%)

Blue (56%)

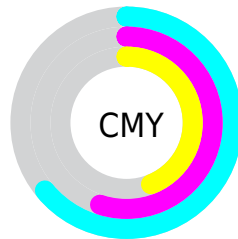


Cyan (36%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4650, 16.3236, 28.7212 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 15.4650, 16.3236, 28.7212 by changing the saturation by 10% instead.

■ 15.4650, 16.3236,
28.7212

■ 15.4650, 16.3236,
28.7212

219.4968,
231.2437, 309.9169

■ 9.2348, 9.7534,
18.6263

■ 35.2319, 37.1591,
58.6707

■ 4.9530, 5.2358,
11.2265

■ 49.4993, 52.1932,
79.3624

■ 2.2542, 2.3863,
6.1033

■ 67.1765, 70.8174,
104.4234

■ 0.7711, 0.8188,
2.8382

■ 88.6288, 93.4161,
134.2722

■ 0.0000, 0.0000,
1.0126

114.2217,
120.3737, 169.3274

■ 0.0000, 0.0000,
0.0000

144.3204,

152.0745, 210.0076

179.2903,
188.9031, 256.7312

■ 15.4650, 16.3236,
28.7212

■ 15.4650, 16.3236,
28.7212

■ 13.2661, 13.8619,
28.3622

■ 18.0235, 19.0978,
29.1221

■ 11.4075, 11.6982,
28.0426

■ 20.9566, 22.1943,
29.5652

■ 9.8702, 9.8198,
27.7610

■ 24.2801, 25.6248,
30.0522

■ 8.6327, 8.2117,
27.5158

■ 28.0086, 29.3998,
30.5843

■ 7.6702, 6.8575,
27.3052

■ 32.1559, 33.5292,
31.1628

■ 6.9465, 5.7344,
27.1265

■ 36.7349, 38.0226,
31.7888

■ 6.6989, 5.3432,
27.0641

■ 41.7581, 42.8892,
32.4634

■ 47.2377, 48.1378,
33.1876

■ 53.1849, 53.7768,
33.9626

Harmonies

Analogous

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



13.9151, 16.3236, 26.9533



15.4650, 16.3236, 28.7212



17.1403, 16.3236, 27.1433

Triad

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



15.4650, 16.3236, 28.7212



18.5119, 16.3236, 13.6422



12.9048, 16.3236, 13.4347

Complementary

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



15.4650, 16.3236, 28.7212



20.3932, 20.6213, 13.0312

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.



13.9961, 16.3236, 10.8543



15.4650, 16.3236, 28.7212



17.2332, 16.3236, 10.9580

Square

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



15.4650, 16.3236, 28.7212



18.9743, 16.3236, 17.9176



15.5653, 16.3236, 10.0355



12.5042, 16.3236, 17.6304

Rectangle

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



15.4650, 16.3236, 28.7212



18.0874, 16.3236, 24.5433



15.5653, 16.3236, 10.0355



13.1990, 16.3236, 12.3795

Sweetspot

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



15.4655, 16.3242, 28.7216



39.7376, 42.0258, 52.5554



17.8672, 23.6141, 21.8563



8.9536, 9.4729, 12.0288



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.4655, 16.3242, 28.7216



24.2093, 25.3701, 50.1590



13.6296, 12.1264, 28.0081



5.3054, 5.6066, 6.8313



5.8558, 4.6977, 23.5752



0.0770, 0.0870, 0.2324

Inverse Universe

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



18.3664, 14.7990, 17.8088



30.1826, 22.6803, 27.5870



22.8107, 26.3414, 14.0079



5.4976, 5.4596, 6.1185



10.7589, 5.4606, 4.3816



0.1135, 0.0565, 0.0979

Previews

White Background



This preview shows how the XYZ color 15.4650, 16.3236, 28.7212 looks on a white 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

Black Background



This preview shows how the XYZ color 15.4650, 16.3236, 28.7212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

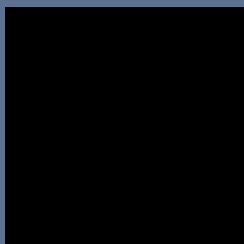
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

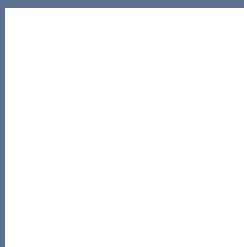
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4650, 16.3236, 28.7212

Background



This preview shows how black text looks on a background with the XYZ color 15.4650, 16.3236, 28.7212.

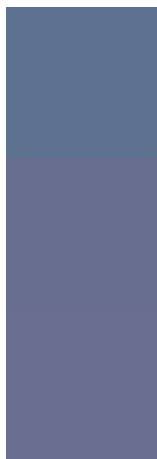


This preview shows how white text looks on a background with the XYZ color 15.4650, 16.3236,

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

15.4650, 16.3236, 28.7212

Protanopia

16.2758, 16.2649, 27.8728

Deuteranopia

16.6306, 16.2604, 29.0501



Tritanopia

14.2166, 16.3296, 22.4813

Trichromacy



Original Color

15.4650, 16.3236, 28.7212

Protanomaly

16.0076, 16.2808, 28.2854

Deuteranomaly

16.1621, 16.1799, 29.0593

Tritanomaly

14.5989, 16.3081, 24.5686

Monochromacy



Original Color

15.4650, 16.3236, 28.7212

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0782, 15.9615, 21.0251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4650, 16.3236, 28.7212 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(92, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(92, 114, 144)  
}
```

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(92, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 114, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.4650, 16.3236, 28.7212 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(92, 114, 144) }
```


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

```
.border{ border-color:rgb(92, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(92, 114,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4650, 16.3236, 28.7212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 114, 144) }
```

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

```
.background{ background-color: rgb(92, 114,  
144) }
```

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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