

Converting Colors

XYZ(15.4940, 14.9722, 22.3233)

Have a look what the booklet for
XYZ(15.4940, 14.9722, 22.3233)
contains.

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Color

**XYZ(15.6299, 15.1064,
22.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	706980
RGB	112, 105, 128
RGB Percent	44%, 41%, 50%
CMY	0.5608, 0.5882, 0.4980
CMYK	0.12, 0.18, 0.00, 0.50
HSL	258°, 10%, 46%
HSV	258°, 18%, 50%
XYZ	15.6299, 15.1064, 22.5141
YIQ	109.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

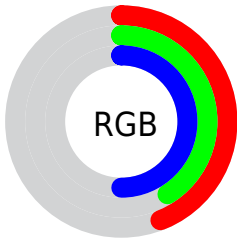
Format	Color
R_{YB}	112, 105, 128
Decimal	7367040
CIE Lab	45.78, 7.64, -11.75
CIE LCh	46, 14.016, 303.035
Yxy	15.1064, 0.2935, 0.2837
Android (android.graphics.Color)	4285557120 (0xFF706980)
YUV	109.7150, 9.0145, 2.0039
Hunter-Lab	38.8670, 3.7646, -7.1375

Details

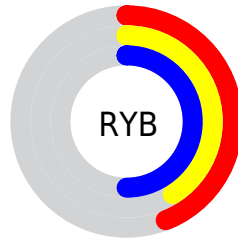
The XYZ color **15.6299, 15.1064, 22.5141** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1547, 20.5236, 16.3699**, and the grayscale version is **14.7155, 15.4818, 16.8597**.

A 20% lighter version of the original color is **35.5388, 35.0056, 48.5997**, and **5.0387, 4.6806, 8.0350** is the 20% darker color. If you saturate the color by 10%, you get **13.3455, 12.1372, 22.0616**, and if you desaturate by 10%, it is **18.2235, 18.5272, 23.0379**.

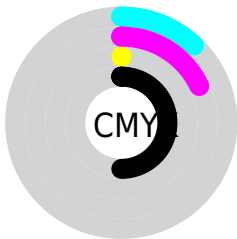
Distribution



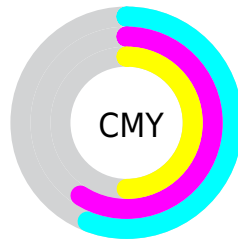
- Red (44%)
- Green (41%)
- Blue (50%)



- Red (44%)
- Yellow (41%)
- Blue (50%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6299, 15.1064, 22.5141 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 15.6299, 15.1064, 22.5141 by changing the saturation by 10% instead.

■ 15.6299, 15.1064,
22.5141

■ 15.6299, 15.1064,
22.5141

220.4614,
224.0093, 278.2600

■ 9.3518, 8.8941,
14.0332

■ 35.5171, 35.0397,
48.5073

■ 5.0303, 4.6722,
8.0048

■ 49.8570, 49.5295,
66.8566

■ 2.3000, 2.0562,
4.0102

■ 67.6149, 67.5473,
89.3326

■ 0.7947, 0.6398,
1.6309

■ 89.1561, 89.4774,
116.3537

■ 0.0000, 0.0000,
0.3127

114.8460,
115.7043, 148.3384

■ 0.0000, 0.0000,
0.0000

145.0499,

146.6123, 185.7053

180.1333,
182.5859, 228.8730

■ 15.6299, 15.1064,
22.5141

■ 15.6299, 15.1064,
22.5141

■ 13.3455, 12.1372,
22.0616

■ 18.2235, 18.5272,
23.0379

■ 11.3571, 9.5985,
21.6764

■ 21.1363, 22.4155,
23.6349

■ 9.6522, 7.4704,
21.3555

■ 24.3795, 26.7892,
24.3082

■ 8.2171, 5.7306,
21.0953

■ 27.9632, 31.6643,
25.0603

■ 7.0368, 4.3547,
20.8920

■ 31.8973, 37.0562,
25.8937

■ 6.0946, 3.3154,
20.7410

■ 36.1910, 42.9795,
26.8107

■ 5.3718, 2.5813,
20.6374

■ 40.8533, 49.4486,
27.8136

■ 4.8295, 2.0815,
20.5695

■ 45.8930, 56.4768,
28.9046

■ 4.7311, 1.9889,
20.5568

■ 51.3184, 64.0774,
30.0857

Harmonies

Analogous

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



14.4785, 15.1064, 23.8214



15.6299, 15.1064, 22.5141



16.4751, 15.1064, 19.5717

Triad

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



15.6299, 15.1064, 22.5141



15.4109, 15.1064, 11.3134



12.2111, 15.1064, 16.7944

Complementary

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



15.6299, 15.1064, 22.5141



18.1547, 20.5236, 16.3699

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.



12.4308, 15.1064, 13.6763



15.6299, 15.1064, 22.5141



14.2385, 15.1064, 10.7791

Square

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



15.6299, 15.1064, 22.5141



16.3439, 15.1064, 13.1565



13.1574, 15.1064, 11.5834



12.5402, 15.1064, 20.2479

Rectangle

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



15.6299, 15.1064, 22.5141



16.7282, 15.1064, 17.2483



13.1574, 15.1064, 11.5834



12.2233, 15.1064, 15.6734

Sweetspot

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



15.6304, 15.1070, 22.5144



33.4895, 34.4867, 40.8478



16.5720, 18.2613, 23.0736



7.7717, 7.9823, 9.5495



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.6304, 15.1070, 22.5144



25.6274, 24.1283, 39.2628



17.1741, 15.9028, 22.5867



4.2224, 4.2703, 5.4150



4.6925, 1.9728, 20.3834



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.4054, 16.0735, 20.2751



29.4488, 26.2107, 34.3653



16.6502, 19.7480, 16.2995



4.4442, 4.3908, 5.1434



10.6178, 5.2668, 9.8430



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6299, 15.1064, 22.5141 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 15.6299, 15.1064, 22.5141 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 15.6299, 15.1064, 22.5141

Background



This preview shows how black text looks on a background with the XYZ color 15.6299, 15.1064, 22.5141.



This preview shows how white text looks on a background with the XYZ color 15.6299, 15.1064,

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

15.6299, 15.1064, 22.5141

Protanopia

14.9959, 15.0702, 23.2376

Deuteranopia

15.4807, 15.1816, 22.5365



Tritanopia

14.8405, 15.0913, 18.6537

Trichromacy



Original Color

15.6299, 15.1064, 22.5141

Protanomaly

15.1799, 15.0188, 22.8677

Deuteranomaly

15.6059, 15.2461, 22.5423

Tritanomaly

15.0997, 15.0436, 19.8772

Monochromacy



Original Color

15.6299, 15.1064, 22.5141

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1290, 15.3890, 19.0026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6299, 15.1064, 22.5141 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(112, 105, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 105, 128)  
}
```

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(112, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 105, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.6299, 15.1064, 22.5141 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(112, 105, 128) }
```


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

```
.border{ border-color:rgb(112, 105, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(112, 105,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6299, 15.1064, 22.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 105, 128) }
```

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

```
.background{ background-color: rgb(112,  
105, 128) }
```

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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