

Converting Colors

XYZ(16.5845, 14.8451, 28.4984)

Have a look what the booklet for
XYZ(16.5845, 14.8451, 28.4984)
contains.

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Color

**XYZ(16.6272, 14.8984,
28.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	726590
RGB	114, 101, 144
RGB Percent	45%, 40%, 56%
CMY	0.5529, 0.6039, 0.4353
CMYK	0.21, 0.30, 0.00, 0.44
HSL	258°, 18%, 48%
HSV	258°, 30%, 56%
XYZ	16.6272, 14.8984, 28.3849
YIQ	109.7890, -6.0550, 16.1290

Conversions

Conversions Part 2

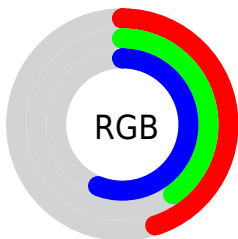
Format	Color
R_{YB}	114, 101, 144
Decimal	7497104
CIE _{Lab}	45.49, 14.57, -21.74
CIE _{LCh}	45, 26.172, 303.841
Yxy	14.8984, 0.2775, 0.2487
Android (android.graphics.Color)	4285687184 (0xFF726590)
YUV	109.7890, 16.8660, 3.6930
Hunter-Lab	38.5984, 9.3458, -16.5823

Details

The XYZ color **16.6272, 14.8984, 28.3849** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.6827, 25.7117, 16.1326**, and the grayscale version is **14.7155, 15.4819, 16.8598**.

A 20% lighter version of the original color is **37.1472, 34.6407, 58.1545**, and **5.4749, 4.5525, 10.9461** is the 20% darker color. If you saturate the color by 10%, you get **14.1139, 11.7062, 27.9015**, and if you desaturate by 10%, it is **19.5300, 18.6558, 28.9574**.

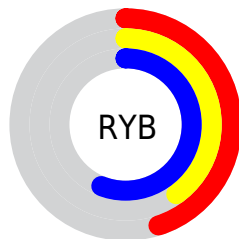
Distribution



Red (45%)

Green (40%)

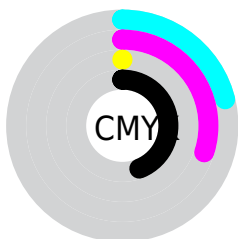
Blue (56%)



Red (45%)

Yellow (40%)

Blue (56%)

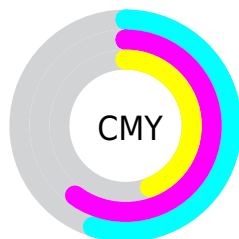


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6272, 14.8984, 28.3849 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 16.6272, 14.8984, 28.3849 by changing the saturation by 10% instead.

■ 16.6272, 14.8984,
28.3849

■ 16.6272, 14.8984,
28.3849

226.2132,
222.7504, 308.2712

■ 10.0627, 8.7481,
18.3744

■ 37.2324, 34.6748,
58.1288

■ 5.5031, 4.5773,
11.0469

■ 52.0038, 49.0698,
78.6994

■ 2.5831, 2.0014,
5.9838

■ 70.2416, 66.9817,
103.6271

■ 0.9374, 0.6083,
2.7666

■ 92.3111, 88.7951,
133.3304

■ 0.0000, 0.0000,
0.9767

118.5776,
114.8943, 168.2280

■ 0.0000, 0.0000,
0.0000

149.4066,

145.6636, 208.7382

185.1633,
181.4875, 255.2798

■ 16.6272, 14.8984,
28.3849

■ 16.6272, 14.8984,
28.3849

■ 14.1139, 11.7062,
27.9015

■ 19.5300, 18.6558,
28.9574

■ 11.9713, 9.0494,
27.5016

■ 22.8371, 23.0026,
29.6221

■ 10.1811, 6.8983,
27.1807

■ 26.5644, 27.9636,
30.3832

■ 8.7226, 5.2193,
26.9335

■ 30.7263, 33.5620,
31.2445

■ 7.5729, 3.9747,
26.7539

■ 35.3365, 39.8193,
32.2093

■ 6.7058, 3.1208,
26.6347

■ 40.4082, 46.7564,
33.2810

■ 6.0611, 2.5464,
26.5579

■ 45.9541, 54.3931,
34.4627

■ 6.0530, 2.5389,
26.5568

■ 51.9863, 62.7483,
35.7575

■ 58.5163, 71.8403,
37.1683

Harmonies

Analogous

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



14.4434, 14.8984, 31.4020



16.6272, 14.8984, 28.3849



18.2689, 14.8984, 22.1150

Triad

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



16.6272, 14.8984, 28.3849



16.0913, 14.8984, 7.6519



10.3741, 14.8984, 17.0400

Complementary

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



16.6272, 14.8984, 28.3849



21.6827, 25.7117, 16.1326

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.



10.7194, 14.8984, 11.4813



16.6272, 14.8984, 28.3849



13.8813, 14.8984, 6.9456

Square

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



16.6272, 14.8984, 28.3849



17.9379, 14.8984, 10.4094



11.9507, 14.8984, 8.1501



10.9545, 14.8984, 23.8735

Rectangle

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



16.6272, 14.8984, 28.3849



18.7536, 14.8984, 17.5450



11.9507, 14.8984, 8.1501



10.3862, 14.8984, 14.9669

Sweetspot

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



16.6277, 14.8990, 28.3852



40.6993, 41.1270, 52.3313



18.5311, 21.0403, 29.4703



9.1449, 9.1822, 11.9626



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.



16.6277, 14.8990, 28.3852



26.2057, 22.3007, 49.4613



19.7443, 16.5057, 28.5311



5.2734, 5.3291, 6.7794



5.2926, 2.2220, 23.1270



0.0709, 0.0317, 0.2221

Inverse Universe

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



20.2524, 16.8759, 23.6631



33.7720, 26.4331, 39.3455



18.7034, 24.1759, 15.9932



5.5577, 5.4836, 6.4351



12.0493, 5.9767, 11.1766



0.1250, 0.0611, 0.1585

Previews

White Background



This preview shows how the XYZ color 16.6272, 14.8984, 28.3849 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 16.6272, 14.8984, 28.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

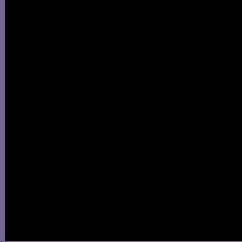
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6272, 14.8984, 28.3849

Background



This preview shows how black text looks on a background with the XYZ color 16.6272, 14.8984, 28.3849.



This preview shows how white text looks on a background with the XYZ color 16.6272, 14.8984,

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

16.6272, 14.8984, 28.3849

Protanopia

15.2186, 14.8791, 30.0868

Deuteranopia

15.2575, 14.9439, 28.0669



Tritanopia

14.6589, 15.0044, 18.3432

Trichromacy



Original Color

16.6272, 14.8984, 28.3849

Protanomaly

15.6963, 14.8320, 29.6393

Deuteranomaly

15.6172, 14.8269, 28.0254

Tritanomaly

15.3730, 14.9890, 21.8216

Monochromacy



Original Color

16.6272, 14.8984, 28.3849

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3261, 15.3000, 20.5578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6272, 14.8984, 28.3849 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(114, 101, 144)` looks like.

```
.text, #text, p{  
    color:rgb(114, 101, 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(114, 101, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 101, 144) }
```

Border

The CSS property to change the border of an element to XYZ 16.6272, 14.8984, 28.3849 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(114, 101, 144) }
```


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

```
.border{ border-color:rgb(114, 101, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 101, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 101, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 101, 144);  
box-shadow:4px 4px 4px 4px rgb(114, 101,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6272, 14.8984, 28.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 101, 144) }
```

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

```
.background{ background-color: rgb(114,  
101, 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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