

Converting Colors

XYZ(17.5252, 16.9173, 33.0473)

Have a look what the booklet for
XYZ(17.5252, 16.9173, 33.0473)
contains.

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Color

**XYZ(17.5708, 16.9856,
32.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	6A709A
RGB	106, 112, 154
RGB Percent	42%, 44%, 60%
CMY	0.5843, 0.5608, 0.3961
CMYK	0.31, 0.27, 0.00, 0.40
HSL	233°, 19%, 51%
HSV	233°, 31%, 60%
XYZ	17.5708, 16.9856, 32.9243
YIQ	114.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

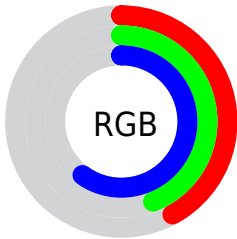
Format	Color
R _Y B	106, 111, 154
Decimal	6975642
CIE Lab	48.24, 7.93, -23.48
CIE LCh	48, 24.780, 288.656
Yxy	16.9856, 0.2604, 0.2517
Android (android.graphics.Color)	4285165722 (0xFF6A709A)
YUV	114.9940, 19.2300, -7.8877
Hunter-Lab	41.2136, 3.9770, -18.5155

Details

The XYZ color **17.5708, 16.9856, 32.9243** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.5183, 29.0909, 17.8538**, and the grayscale version is **16.2416, 17.0874, 18.6082**.

A 20% lighter version of the original color is **38.8846, 38.4235, 65.6886**, and **5.9689, 5.5159, 13.5820** is the 20% darker color. If you saturate the color by 10%, you get **14.5253, 13.3714, 32.3875**, and if you desaturate by 10%, it is **21.1687, 21.2156, 33.5514**.

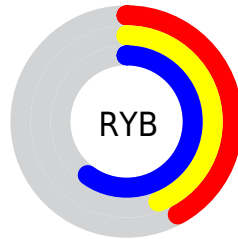
Distribution



Red (42%)

Green (44%)

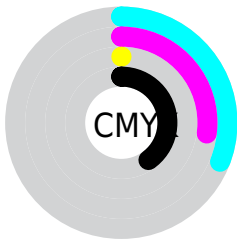
Blue (60%)



Red (42%)

Yellow (44%)

Blue (60%)

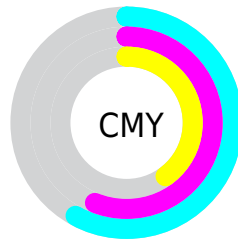


Cyan (31%)

Magenta (27%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5708, 16.9856, 32.9243 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 17.5708, 16.9856, 32.9243 by changing the saturation by 10% instead.

■ 17.5708, 16.9856,
32.9243

■ 17.5708, 16.9856,
32.9243

231.5333,
235.0894, 329.9300

■ 10.7401, 10.2242,
21.7978

■ 38.8405, 38.3010,
65.3720

■ 5.9584, 5.5479,
13.5115

■ 54.0101, 53.6238,
87.5302

■ 2.8602, 2.5722,
7.6469

■ 72.6901, 72.5693,
114.2029

■ 1.0803, 0.9127,
3.7853

■ 95.2459, 95.5217,
145.8084

■ 0.0085, 0.0000,
1.5083

122.0427,
122.8656, 182.7653

■ 0.0000, 0.0000,
0.2241

153.4460,

■ 0.0000, 0.0000,

154.9852, 225.4922

0.0000

189.8211,
192.2650, 274.4076

■ 17.5708, 16.9856,
32.9243

■ 17.5708, 16.9856,
32.9243

■ 14.5253, 13.3714,
32.3875

■ 21.1687, 21.2156,
33.5514

■ 12.0029, 10.3423,
31.9358

■ 25.3427, 26.0863,
34.2716

■ 9.9744, 7.8678,
31.5651

■ 30.1174, 31.6236,
35.0887

■ 8.4070, 5.9139,
31.2705

■ 35.5154, 37.8515,
36.0063

■ 7.2637, 4.4428,
31.0468

■ 41.5579, 44.7926,
37.0276

■ 6.5017, 3.4112,
30.8879

■ 48.2654, 52.4687,
38.1557

■ 6.0699, 2.8073,
30.7941

■ 55.6573, 60.9004,
39.3936

■ 63.7524, 70.1078,
40.7442

■ 72.5685, 80.1099,
42.2101

Harmonies

Analogous

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



15.3066, 16.9856, 33.5297



17.5708, 16.9856, 32.9243



19.6218, 16.9856, 27.9658

Triad

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



17.5708, 16.9856, 32.9243



19.1800, 16.9856, 10.6530



12.2567, 16.9856, 16.1586

Complementary

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



17.5708, 16.9856, 32.9243



26.5183, 29.0909, 17.8538

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.



13.1041, 16.9856, 11.4467



17.5708, 16.9856, 32.9243



17.0120, 16.9856, 8.7984

Square

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



17.5708, 16.9856, 32.9243



20.6089, 16.9856, 14.8012



14.7972, 16.9856, 9.0504



12.3761, 16.9856, 22.7560

Rectangle

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



17.5708, 16.9856, 32.9243



20.5271, 16.9856, 23.3903



14.7972, 16.9856, 9.0504



12.4345, 16.9856, 14.3343

Sweetspot

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



17.5714, 16.9863, 32.9247



47.6719, 49.2883, 62.5373



22.8136, 28.3012, 32.1119



10.5340, 10.8582, 14.1110



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5714, 16.9863, 32.9247



28.1718, 26.4169, 59.1504



19.2419, 16.8972, 32.8195



5.9436, 6.1446, 7.8017



4.9609, 2.3184, 25.0937



0.0883, 0.0630, 0.3799

Inverse Universe

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



21.4056, 18.3486, 17.7433



36.2471, 29.4205, 27.1467



24.3760, 29.4200, 18.0303



6.2387, 6.2346, 6.6369



10.9628, 5.6393, 1.0630



0.1710, 0.0872, 0.0536

Previews

White Background



This preview shows how the XYZ color 17.5708, 16.9856, 32.9243 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 17.5708, 16.9856, 32.9243 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 17.5708, 16.9856, 32.9243

Background



This preview shows how black text looks on a background with the XYZ color 17.5708, 16.9856, 32.9243.



This preview shows how white text looks on a background with the XYZ color 17.5708, 16.9856,

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

17.5708, 16.9856, 32.9243

Protanopia

17.3010, 17.0016, 33.3801

Deuteranopia

17.3314, 17.0269, 32.9449



Tritanopia

15.4476, 16.9642, 22.5389

Trichromacy



Original Color

17.5708, 16.9856, 32.9243

Protanomaly

17.4150, 17.0604, 33.3855

Deuteranomaly

17.4468, 17.0864, 32.9503

Tritanomaly

16.1256, 16.8924, 26.0776

Monochromacy



Original Color

17.5708, 16.9856, 32.9243

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6619, 17.0644, 23.1845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5708, 16.9856, 32.9243 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(106, 112, 154)` looks like.

```
.text, #text, p{  
    color:rgb(106, 112, 154)  
}
```

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(106, 112, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 112, 154) }
```

Border

The CSS property to change the border of an element to XYZ 17.5708, 16.9856, 32.9243 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(106, 112, 154) }
```


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

```
.border{ border-color:rgb(106, 112, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 112, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 112, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 112, 154);  
box-shadow:4px 4px 4px 4px rgb(106, 112,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5708, 16.9856, 32.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 112, 154) }
```

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

```
.background{ background-color: rgb(106,  
112, 154) }
```

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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