

Converting Colors

XYZ(17.4655, 14.2832, 56.4800)

Have a look what the booklet for
XYZ(17.4655, 14.2832, 56.4800)
contains.

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Color

**XYZ(17.4655, 14.2832,
56.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	4862C8
RGB	72, 98, 200
RGB Percent	28%, 38%, 78%
CMY	0.7176, 0.6157, 0.2157
CMYK	0.64, 0.51, 0.00, 0.22
HSL	228°, 54%, 53%
HSV	228°, 64%, 78%
XYZ	17.4655, 14.2832, 56.4800
YIQ	101.8540, -48.2380, 26.2100

Conversions

Conversions Part 2

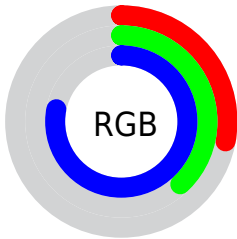
Format	Color
R _Y B	72, 94, 200
Decimal	4743880
CIE Lab	44.64, 22.90, -56.15
CIE LCh	45, 60.641, 292.185
Yxy	14.2832, 0.1980, 0.1619
Android (android.graphics.Color)	4282933960 (0xFF4862C8)
YUV	101.8540, 48.3860, -26.1820
Hunter-Lab	37.7931, 16.3530, -62.1509

Details

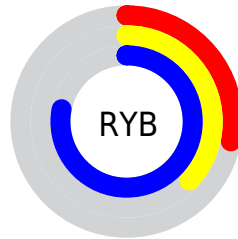
The XYZ color **17.4655, 14.2832, 56.4800** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **40.1270, 43.0223, 12.3214**, and the grayscale version is **12.4788, 13.1287, 14.2971**.

A 20% lighter version of the original color is **38.1556, 33.3053, 99.0253**, and **6.3388, 4.5003, 27.3226** is the 20% darker color. If you saturate the color by 10%, you get **14.8639, 10.9444, 55.9730**, and if you desaturate by 10%, it is **20.8502, 18.4667, 57.1094**.

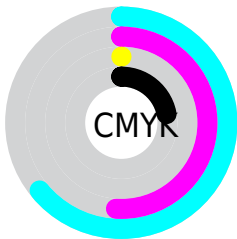
Distribution



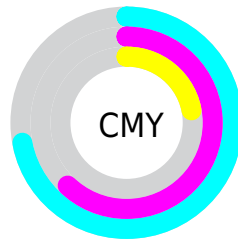
- Red (28%)
- Green (38%)
- Blue (78%)



- Red (28%)
- Yellow (37%)
- Blue (78%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (62%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4655, 14.2832, 56.4800 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 17.4655, 14.2832, 56.4800 by changing the saturation by 10% instead.

■ 17.4655, 14.2832,
56.4800

■ 17.4655, 14.2832,
56.4800

230.9451,
218.9856, 428.9370

■ 10.6643, 8.3179,
40.1813

■ 38.6617, 33.5907,
101.1988

■ 5.9072, 4.2990,
27.3651

■ 53.7874, 47.7017,
130.4561

■ 2.8289, 1.8422,
17.6127

■ 72.4186, 65.2966,
164.8699

■ 1.0639, 0.5133,
10.5058

■ 94.9207, 86.7600,
204.8589

■ 0.0000, 0.0000,
5.6256

■ 121.6590,
112.4762, 250.8415

■ 0.0000, 0.0000,
2.5537

152.9990,

■ 0.0000, 0.0000,

142.8296, 303.2364

0.8684

189.3059,
178.2046, 362.4620

■ 0.0000, 0.0000,
0.0000

■ 17.4655, 14.2832,
56.4800

■ 17.4655, 14.2832,
56.4800

■ 14.8639, 10.9444,
55.9730

■ 20.8502, 18.4667,
57.1094

■ 12.9767, 8.3883,
55.5791

■ 25.0747, 23.5480,
57.8676

■ 11.7257, 6.5455,
55.2893

■ 30.1928, 29.5773,
58.7616

■ 11.2051, 5.7297,
55.1593

■ 36.2527, 36.6004,
59.7978

■ 43.2996, 44.6602,
60.9821

■ 51.3753, 53.7971,
62.3200

■ 60.5193, 64.0491,
63.8169

■ 70.7692, 75.4525,
65.4778

■ 82.1606, 88.0420,
67.3074

Harmonies

Analogous

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



12.3309, 14.2832, 60.7214



17.4655, 14.2832, 56.4800



22.4926, 14.2832, 38.7449

Triad

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



17.4655, 14.2832, 56.4800



20.2326, 14.2832, 2.4731



6.2011, 14.2832, 12.1546

Complementary

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



17.4655, 14.2832, 56.4800



40.1270, 43.0223, 12.3214

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.



7.3955, 14.2832, 4.1608



17.4655, 14.2832, 56.4800



14.9017, 14.2832, 1.1968

Square

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



17.4655, 14.2832, 56.4800



24.3401, 14.2832, 7.4081



10.3112, 14.2832, 1.5425



6.5711, 14.2832, 28.1720

Rectangle

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



17.4655, 14.2832, 56.4800



24.7056, 14.2832, 25.3880



10.3112, 14.2832, 1.5425



6.4203, 14.2832, 8.6547

Sweetspot

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



17.4662, 14.2836, 56.4804



68.3123, 69.7322, 104.4670



30.7997, 45.6757, 46.3581



13.8828, 14.0787, 22.2357



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



17.4662, 14.2836, 56.4804



24.2500, 16.9732, 96.6058



18.9607, 12.0111, 55.9630



10.2283, 10.6306, 13.4303



7.1766, 3.7472, 35.0894



0.3926, 0.2829, 1.6791

Inverse Universe

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



28.3420, 17.7970, 13.4968



45.0155, 25.2439, 14.1857



37.0797, 49.6412, 13.7595



10.7205, 10.6716, 11.5114



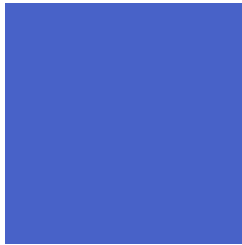
15.4218, 7.9183, 2.1649



0.7568, 0.3856, 0.2427

Previews

White Background



This preview shows how the XYZ color 17.4655, 14.2832, 56.4800 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 17.4655, 14.2832, 56.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

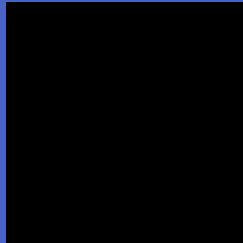
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4655, 14.2832, 56.4800

Background



This preview shows how black text looks on a background with the XYZ color 17.4655, 14.2832, 56.4800.



This preview shows how white text looks on a background with the XYZ color 17.4655, 14.2832,

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

17.4655, 14.2832, 56.4800

Protanopia

16.6892, 14.3978, 59.0262

Deuteranopia

14.3348, 14.1462, 49.5519



Tritanopia

10.4633, 14.2302, 21.9339

Trichromacy



Original Color

17.4655, 14.2832, 56.4800

Protanomaly

16.9545, 14.4034, 58.3865

Deuteranomaly

14.8907, 13.9260, 51.7723

Tritanomaly

12.2147, 13.7508, 32.1474

Monochromacy



Original Color

17.4655, 14.2832, 56.4800

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.5555, 13.3665, 25.9103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4655, 14.2832, 56.4800 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(72, 98, 200)` looks like.

```
.text, #text, p{  
    color:rgb(72, 98, 200)  
}
```

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(72, 98, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 98, 200) }
```

Border

The CSS property to change the border of an element to XYZ 17.4655, 14.2832, 56.4800 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(72, 98, 200) }
```


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

```
.border{ border-color:rgb(72, 98, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 98, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 98, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 98, 200);  
box-shadow:4px 4px 4px 4px rgb(72, 98,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4655, 14.2832, 56.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 98, 200) }
```

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

```
.background{ background-color: rgb(72, 98,  
200) }
```

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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