

Converting Colors

XYZ(14.5205, 16.0055, 20.7368)

Have a look what the booklet for
XYZ(14.5205, 16.0055, 20.7368)
contains.

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Color

**XYZ(14.5672, 16.0364,
20.7399)**

Conversions

Conversions Part 1

Format	Color
Hex	62727A
RGB	98, 114, 122
RGB Percent	38%, 45%, 48%
CMY	0.6157, 0.5529, 0.5216
CMYK	0.20, 0.07, 0.00, 0.52
HSL	200°, 11%, 43%
HSV	200°, 20%, 48%
XYZ	14.5672, 16.0364, 20.7399
YIQ	110.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

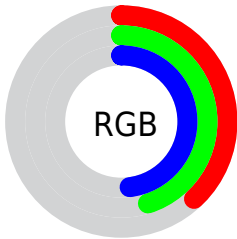
Format	Color
RYB	98, 108, 122
Decimal	6451834
CIELab	47.02, -4.07, -6.42
CIELCh	47, 7.598, 237.608
Yxy	16.0364, 0.2837, 0.3123
Android (android.graphics.Color)	4284641914 (0xFF62727A)
YUV	110.1280, 5.8529, -10.6363
Hunter-Lab	40.0455, -5.1473, -2.6750

Details

The XYZ color **14.5672, 16.0364, 20.7399** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3849, 15.3277, 13.7034**, and the grayscale version is **14.8443, 15.6174, 17.0073**.

A 20% lighter version of the original color is **33.6706, 36.7180, 45.3570**, and **4.5161, 5.0813, 7.0461** is the 20% darker color. If you saturate the color by 10%, you get **12.9015, 14.5123, 20.5338**, and if you desaturate by 10%, it is **16.4550, 17.7061, 20.9629**.

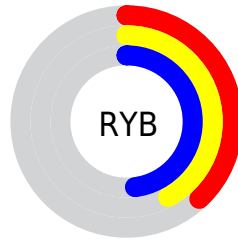
Distribution



Red (38%)

Green (45%)

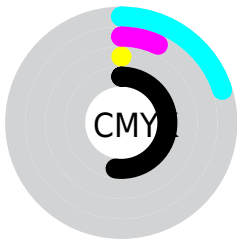
Blue (48%)



Red (38%)

Yellow (42%)

Blue (48%)

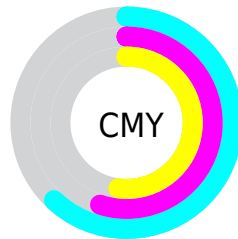


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5672, 16.0364, 20.7399 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 14.5672, 16.0364, 20.7399 by changing the saturation by 10% instead.

■ 14.5672, 16.0364,
20.7399

■ 14.5672, 16.0364,
20.7399

214.1722,
229.5564, 268.6285

■ 8.6005, 9.5499,
12.7446

■ 33.6700, 36.6614,
45.5294

■ 4.5366, 5.1016,
7.1243

■ 47.5369, 51.5687,
63.1607

■ 2.0099, 2.3070,
3.4603

■ 64.7679, 70.0517,
84.8411

■ 0.6395, 0.7774,
1.3342

■ 85.7284, 92.4948,
110.9892

■ 0.0000, 0.0000,
0.0896

110.7837,
119.2825, 142.0234

■ 0.0000, 0.0000,
0.0000

140.2992,

150.7990, 178.3623

174.6402,
187.4289, 220.4245

■ 14.5672, 16.0364,
20.7399

■ 14.5672, 16.0364,
20.7399

■ 12.9015, 14.5123,
20.5338

■ 16.4550, 17.7061,
20.9629

■ 11.4470, 13.1265,
20.3429

■ 18.5721, 19.5243,
21.2023

■ 10.1943, 11.8742,
20.1673

■ 20.9272, 21.4962,
21.4588

■ 9.1324, 10.7495,
20.0061

■ 23.5283, 23.6263,
21.7329

■ 8.2494, 9.7456,
19.8589

■ 26.3827, 25.9187,
22.0249

■ 7.5319, 8.8552,
19.7249

■ 29.4975, 28.3776,
22.3353

■ 6.9642, 8.0699,
19.6032

■ 32.8796, 31.0067,
22.6645

■ 6.4956, 7.3631,
19.4915

■ 36.5356, 33.8098,
23.0129

■ 6.4806, 7.3405,
19.4879

■ 40.4719, 36.7904,
23.3808

Harmonies

Analogous

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



14.1367, 16.0364, 19.2139



14.5672, 16.0364, 20.7399



15.1888, 16.0364, 21.3820

Triad

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



14.5672, 16.0364, 20.7399



16.5560, 16.0364, 17.6143



14.6571, 16.0364, 14.4122

Complementary

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



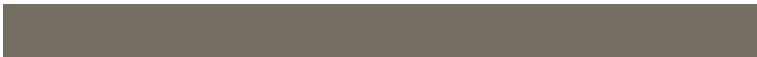
14.5672, 16.0364, 20.7399



15.3849, 15.3277, 13.7034

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.



15.2956, 16.0364, 14.0511



14.5672, 16.0364, 20.7399



16.4037, 16.0364, 15.8180

Square

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



14.5672, 16.0364, 20.7399



16.3477, 16.0364, 19.4975



15.9376, 16.0364, 14.5471



14.1875, 16.0364, 15.5713

Rectangle

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



14.5672, 16.0364, 20.7399



15.6323, 16.0364, 21.1899



15.9376, 16.0364, 14.5471



14.8585, 16.0364, 14.1973

Sweetspot

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



14.5677, 16.0371, 20.7403



30.2154, 32.2476, 37.0248



14.5777, 17.5484, 16.1461



6.8684, 7.3386, 8.4612



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.5677, 16.0371, 20.7403



24.1424, 26.8660, 36.3061



13.3411, 13.5838, 20.3314



3.9999, 4.2980, 5.0620



6.8151, 7.7127, 20.5148



31.7021, 35.1769, 97.5887

Inverse Universe

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



15.4314, 14.0883, 17.8262



26.0014, 22.8081, 30.0038



16.6624, 17.8826, 14.1293



4.1004, 4.0559, 4.7262



10.0233, 4.9855, 8.6795



47.4049, 23.6183, 39.2579

Previews

White Background



This preview shows how the XYZ color 14.5672, 16.0364, 20.7399 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 14.5672, 16.0364, 20.7399 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

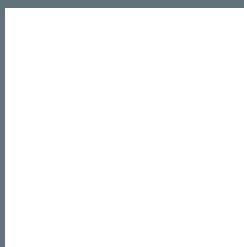
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5672, 16.0364, 20.7399

Background



This preview shows how black text looks on a background with the XYZ color 14.5672, 16.0364, 20.7399.



This preview shows how white text looks on a background with the XYZ color 14.5672, 16.0364,

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

14.5672, 16.0364, 20.7399

Protanopia

15.6301, 16.1045, 20.0540

Deuteranopia

16.2738, 15.9371, 20.9573



Tritanopia

14.6295, 16.0614, 21.0680

Trichromacy



Original Color

14.5672, 16.0364, 20.7399

Protanomaly

15.1892, 16.0330, 20.3833

Deuteranomaly

15.5815, 15.8969, 20.9861

Tritanomaly

14.6295, 16.0614, 21.0680

Monochromacy



Original Color

14.5672, 16.0364, 20.7399

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6656, 15.6480, 18.1670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5672, 16.0364, 20.7399 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(98, 114, 122) looks like.

```
.text, #text, p{  
    color:rgb(98, 114, 122)  
}
```

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(98, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 114, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.5672, 16.0364, 20.7399 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(98, 114, 122) }
```


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

```
.border{ border-color:rgb(98, 114, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(98, 114,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5672, 16.0364, 20.7399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 114, 122) }
```

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

```
.background{ background-color: rgb(98, 114,  
122) }
```

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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