

Converting Colors

XYZ(14.8507, 15.3469, 20.7221)

Have a look what the booklet for
XYZ(14.8507, 15.3469, 20.7221)
contains.

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Color

**XYZ(14.8072, 15.3457,
20.5939)**

Conversions

Conversions Part 1

Format	Color
Hex	696D7A
RGB	105, 109, 122
RGB Percent	41%, 43%, 48%
CMY	0.5882, 0.5725, 0.5216
CMYK	0.14, 0.11, 0.00, 0.52
HSL	226°, 7%, 45%
HSV	226°, 14%, 48%
XYZ	14.8072, 15.3457, 20.5939
YIQ	109.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

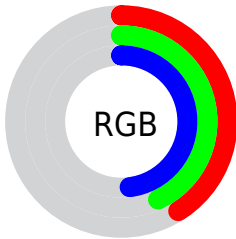
Format	Color
R_{YB}	105, 108, 122
Decimal	6909306
CIE Lab	46.10, 1.35, -7.73
CIE LCh	46, 7.845, 279.900
Yxy	15.3457, 0.2918, 0.3024
Android (android.graphics.Color)	4285099386 (0xFF696D7A)
YUV	109.2860, 6.2680, -3.7588
Hunter-Lab	39.1736, -1.0827, -3.7478

Details

The XYZ color **14.8072, 15.3457, 20.5939** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0543, 18.1142, 15.9625**, and the grayscale version is **14.6015, 15.3619, 16.7291**.

A 20% lighter version of the original color is **33.9211, 35.2655, 45.0635**, and **4.6701, 4.8258, 6.9887** is the 20% darker color. If you saturate the color by 10%, you get **12.5330, 12.7739, 20.2176**, and if you desaturate by 10%, it is **17.3936, 18.2360, 21.0157**.

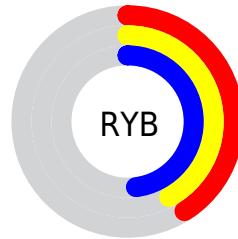
Distribution



Red (41%)

Green (43%)

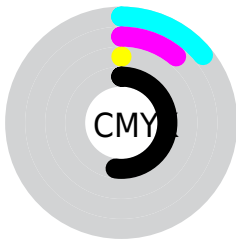
Blue (48%)



Red (41%)

Yellow (42%)

Blue (48%)

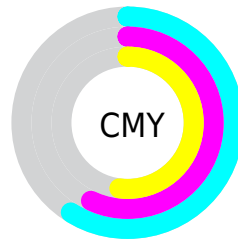


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8072, 15.3457, 20.5939 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 14.8072, 15.3457, 20.5939 by changing the saturation by 10% instead.

■ 14.8072, 15.3457,
20.5939

■ 14.8072, 15.3457,
20.5939

215.6079,
225.4492, 267.8221

■ 8.7696, 9.0624,
12.6391

■ 34.0890, 35.4585,
45.2827

■ 4.6471, 4.7819,
7.0527

■ 48.0640, 50.0568,
62.8538

■ 2.0744, 2.1199,
3.4162

■ 65.4155, 68.1955,
84.4674

■ 0.6752, 0.6758,
1.3109

■ 86.5088, 90.2590,
110.5420

■ 0.0000, 0.0000,
0.0707

111.7094,
116.6317, 141.4963

■ 0.0000, 0.0000,
0.0000

141.3825,

147.6981, 177.7487

175.8935,
183.8424, 219.7178

■ 14.8072, 15.3457,
20.5939

■ 14.8072, 15.3457,
20.5939

■ 12.5330, 12.7739,
20.2176

■ 17.3936, 18.2360,
21.0157

■ 10.5576, 10.5078,
19.8843

■ 20.3021, 21.4534,
21.4834

■ 8.8686, 8.5361,
19.5927

■ 23.5439, 25.0086,
21.9988

■ 7.4524, 6.8464,
19.3413

■ 27.1292, 28.9110,
22.5631

■ 6.2940, 5.4253,
19.1280

■ 31.0680, 33.1700,
23.1775

■ 5.3770, 4.2582,
18.9511

■ 35.3695, 37.7944,
23.8434

■ 4.6830, 3.3291,
18.8083

■ 40.0428, 42.7926,
24.5619

■ 4.1884, 2.6186,
18.6972

■ 45.0967, 48.1730,
25.3340

■ 3.9454, 2.2701,
18.6428

■ 50.5396, 53.9434,
26.1609

Harmonies

Analogous

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



14.1494, 15.3457, 20.4003



14.8072, 15.3457, 20.5939



15.4237, 15.3457, 19.6875

Triad

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



14.8072, 15.3457, 20.5939



15.5916, 15.3457, 14.4622



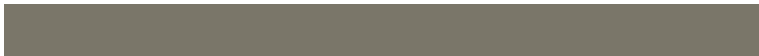
13.4143, 15.3457, 15.4783

Complementary

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



14.8072, 15.3457, 20.5939



17.0543, 18.1142, 15.9625

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.



13.7785, 15.3457, 14.0469



14.8072, 15.3457, 20.5939



15.0307, 15.3457, 13.4920

Square

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



14.8072, 15.3457, 20.5939



15.8856, 15.3457, 16.0854



14.3663, 15.3457, 13.3460



13.3586, 15.3457, 17.3482

Rectangle

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



14.8072, 15.3457, 20.5939



15.7234, 15.3457, 18.6191



14.3663, 15.3457, 13.3460



13.5041, 15.3457, 14.9340

Sweetspot

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



14.8077, 15.3463, 20.5942



30.5218, 31.9951, 36.9599



16.0407, 18.2246, 19.7343



6.9087, 7.2378, 8.4396



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.



14.8077, 15.3463, 20.5942



24.5988, 25.3631, 35.9920



14.9022, 14.7757, 20.4791



3.8672, 4.0326, 5.0177



4.1480, 2.3784, 19.6258



19.2279, 10.2285, 93.4307

Inverse Universe

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



15.8383, 15.3452, 16.5959



26.8214, 25.3938, 27.3620



16.9469, 18.7733, 16.0953



4.0334, 4.0291, 4.3736



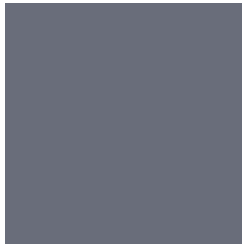
8.6770, 4.4470, 1.5903



41.1085, 21.0997, 6.1015

Previews

White Background



This preview shows how the XYZ color 14.8072, 15.3457, 20.5939 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 14.8072, 15.3457, 20.5939 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

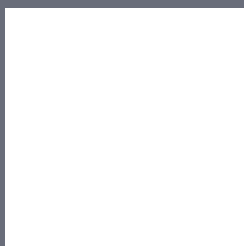
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8072, 15.3457, 20.5939

Background



This preview shows how black text looks on a background with the XYZ color 14.8072, 15.3457, 20.5939.

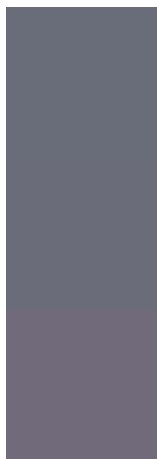


This preview shows how white text looks on a background with the XYZ color 14.8072, 15.3457,

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

14.8072, 15.3457, 20.5939

Protanopia

14.9388, 15.2561, 20.5697

Deuteranopia

15.5392, 15.2488, 20.8632



Tritanopia

14.5549, 15.4029, 19.3455

Trichromacy



Original Color

14.8072, 15.3457, 20.5939

Protanomaly

14.8193, 15.1944, 20.5641

Deuteranomaly

15.2633, 15.2604, 20.8800

Tritanomaly

14.6146, 15.4268, 19.6602

Monochromacy



Original Color

14.8072, 15.3457, 20.5939

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6902, 15.3403, 18.1063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8072, 15.3457, 20.5939 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(105, 109, 122)` looks like.

```
.text, #text, p{  
    color:rgb(105, 109, 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(105, 109, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 109, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.8072, 15.3457, 20.5939 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(105, 109, 122) }
```


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

```
.border{ border-color:rgb(105, 109, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 109, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 109, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 109, 122);  
box-shadow:4px 4px 4px 4px rgb(105, 109,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8072, 15.3457, 20.5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 109, 122) }
```

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

```
.background{ background-color: rgb(105,  
109, 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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