

Converting Colors

XYZ(14.8464, 16.4562, 24.3033)

Have a look what the booklet for
XYZ(14.8464, 16.4562, 24.3033)
contains.

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Color

**XYZ(14.8239, 16.4320,
24.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7484
RGB	92, 116, 132
RGB Percent	36%, 45%, 52%
CMY	0.6392, 0.5451, 0.4823
CMYK	0.30, 0.12, 0.00, 0.48
HSL	204°, 18%, 44%
HSV	204°, 30%, 52%
XYZ	14.8239, 16.4320, 24.2202
YIQ	110.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

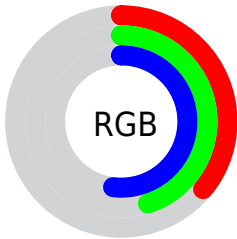
Format	Color
R_{YB}	92, 107, 132
Decimal	6059140
CIE _{Lab}	47.54, -4.72, -11.64
CIE _{LCh}	48, 12.558, 247.907
Yxy	16.4320, 0.2672, 0.2962
Android (android.graphics.Color)	4284249220 (0xFF5C7484)
YUV	110.6480, 10.5265, -16.3543
Hunter-Lab	40.5364, -5.6624, -7.0499

Details

The XYZ color **14.8239, 16.4320, 24.2202** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8104, 16.4037, 12.4060**, and the grayscale version is **14.9825, 15.7628, 17.1656**.

A 20% lighter version of the original color is **34.0873, 37.3477, 51.3112**, and **4.6672, 5.2943, 8.9595** is the 20% darker color. If you saturate the color by 10%, you get **13.0271, 14.6281, 23.9670**, and if you desaturate by 10%, it is **16.8861, 18.4249, 24.4964**.

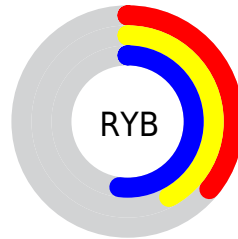
Distribution



Red (36%)

Green (45%)

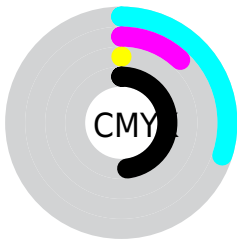
Blue (52%)



Red (36%)

Yellow (42%)

Blue (52%)

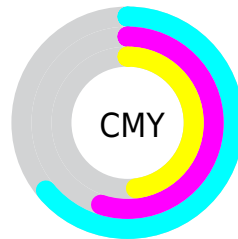


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8239, 16.4320, 24.2202 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 14.8239, 16.4320, 24.2202 by changing the saturation by 10% instead.

■ 14.8239, 16.4320,
24.2202

■ 14.8239, 16.4320,
24.2202

215.7074,
231.8775, 287.2542

■ 8.7814, 9.8304,
15.2833

■ 34.1182, 37.3466,
51.3376

■ 4.6548, 5.2866,
8.8697

■ 48.1006, 52.4283,
70.3553

■ 2.0789, 2.4164,
4.5606

■ 65.4604, 71.1055,
93.5703

■ 0.6777, 0.8343,
1.9377

■ 86.5630, 93.7626,
121.4011

■ 0.0000, 0.0000,
0.5165

111.7736,
120.7839, 154.2664

■ 0.0000, 0.0000,
0.0000

141.4576,

152.5539, 192.5846

175.9805,
189.4570, 236.7744

■ 14.8239, 16.4320,
24.2202

■ 14.8239, 16.4320,
24.2202

■ 13.0271, 14.6281,
23.9670

■ 16.8861, 18.4249,
24.4964

■ 11.4817, 13.0040,
23.7350

■ 19.2238, 20.6115,
24.7953

■ 10.1747, 11.5523,
23.5236

■ 21.8484, 22.9991,
25.1178

■ 9.0909, 10.2646,
23.3322

■ 24.7701, 25.5936,
25.4646

■ 8.2137, 9.1311,
23.1597

■ 27.9988, 28.4009,
25.8363

■ 7.5235, 8.1410,
23.0049

■ 31.5436, 31.4265,
26.2335

■ 6.9755, 7.2872,
22.8690

■ 35.4135, 34.6758,
26.6567

■ 39.6170, 38.1537,
27.1065

■ 44.1623, 41.8654,
27.5833

Harmonies

Analogous

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



13.9835, 16.4320, 21.9447



14.8239, 16.4320, 24.2202



15.9156, 16.4320, 24.7047

Triad

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



14.8239, 16.4320, 24.2202



17.8444, 16.4320, 17.0584



14.3349, 16.4320, 13.4626

Complementary

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



14.8239, 16.4320, 24.2202



16.8104, 16.4037, 12.4060

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.



15.3244, 16.4320, 12.4628



14.8239, 16.4320, 24.2202



17.3754, 16.4320, 14.3712

Square

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



14.8239, 16.4320, 24.2202



17.6947, 16.4320, 20.3072



16.4402, 16.4320, 12.7744



13.7107, 16.4320, 15.6757

Rectangle

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



14.8239, 16.4320, 24.2202



16.6455, 16.4320, 23.8988



16.4402, 16.4320, 12.7744



14.6339, 16.4320, 12.9862

Sweetspot

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



14.8244, 16.4327, 24.2206



34.3460, 36.7521, 43.7368



15.3367, 19.8468, 17.0250



7.8663, 8.4368, 10.1666



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.8244, 16.4327, 24.2206



24.0027, 26.8421, 42.3691



12.8229, 12.4297, 23.5534



4.6495, 4.9745, 5.9159



6.7593, 7.0664, 22.1444



0.0306, 0.0388, 0.0791

Inverse Universe

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



16.4957, 13.8213, 18.3220



27.4750, 21.7350, 30.0428



19.0803, 20.9436, 13.1626



4.7811, 4.7321, 5.4596



10.5899, 5.3003, 7.6787



0.0403, 0.0198, 0.0456

Previews

White Background



This preview shows how the XYZ color 14.8239, 16.4320, 24.2202 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 14.8239, 16.4320, 24.2202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

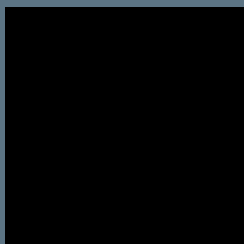
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

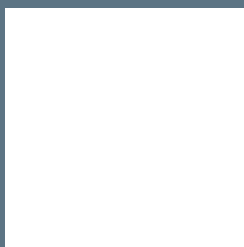
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8239, 16.4320, 24.2202

Background



This preview shows how black text looks on a background with the XYZ color 14.8239, 16.4320, 24.2202.

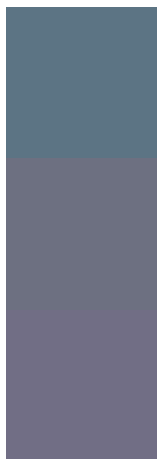


This preview shows how white text looks on a background with the XYZ color 14.8239, 16.4320,

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

14.8239, 16.4320, 24.2202

Protanopia

16.0633, 16.4245, 23.0925

Deuteranopia

16.6196, 16.3560, 24.4714



Tritanopia

14.4416, 16.4531, 22.1533

Trichromacy



Original Color

14.8239, 16.4320, 24.2202

Protanomaly

15.5279, 16.3055, 23.4480

Deuteranomaly

15.8535, 16.2851, 24.4981

Tritanomaly

14.5720, 16.5052, 22.8399

Monochromacy



Original Color

14.8239, 16.4320, 24.2202

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9438, 16.0852, 19.7699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8239, 16.4320, 24.2202 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(92, 116, 132) looks like.

```
.text, #text, p{  
    color:rgb(92, 116, 132)  
}
```

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(92, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 116, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.8239, 16.4320, 24.2202 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(92, 116, 132) }
```


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

```
.border{ border-color:rgb(92, 116, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(92, 116,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8239, 16.4320, 24.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 116, 132) }
```

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

```
.background{ background-color: rgb(92, 116,  
132) }
```

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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