

Converting Colors

XYZ(16.9323, 16.2005, 24.4249)

Have a look what the booklet for
XYZ(16.9323, 16.2005, 24.4249)
contains.

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Color

**XYZ(16.9323, 16.2005,
24.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	756C85
RGB	117, 108, 133
RGB Percent	46%, 42%, 52%
CMY	0.5412, 0.5765, 0.4784
CMYK	0.12, 0.19, 0.00, 0.48
HSL	262°, 10%, 47%
HSV	262°, 19%, 52%
XYZ	16.9323, 16.2005, 24.4249
YIQ	113.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

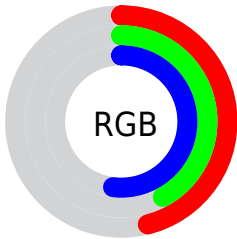
Format	Color
R_{YB}	117, 108, 133
Decimal	7695493
CIE Lab	47.24, 8.77, -12.49
CIE LCh	47, 15.263, 305.060
Yxy	16.2005, 0.2942, 0.2815
Android (android.graphics.Color)	4285885573 (0xFF756C85)
YUV	113.5410, 9.5933, 3.0335
Hunter-Lab	40.2498, 4.6541, -7.8042

Details

The XYZ color **16.9323, 16.2005, 24.4249** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4071, 22.1433, 17.4394**, and the grayscale version is **15.8302, 16.6546, 18.1369**.

A 20% lighter version of the original color is **37.6232, 36.7765, 51.5700**, and **5.6843, 5.2272, 8.8930** is the 20% darker color. If you saturate the color by 10%, you get **14.5431, 13.0433, 23.9417**, and if you desaturate by 10%, it is **19.6406, 19.8407, 24.9850**.

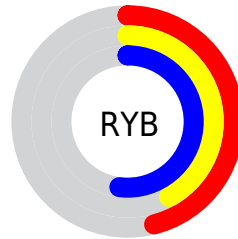
Distribution



Red (46%)

Green (42%)

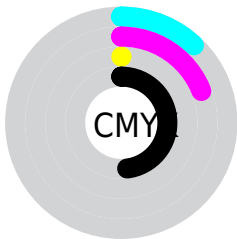
Blue (52%)



Red (46%)

Yellow (42%)

Blue (52%)

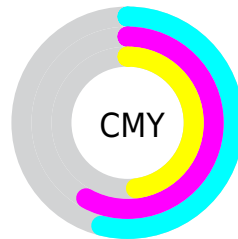


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (48%)



Cyan (54%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9323, 16.2005, 24.4249 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 16.9323, 16.2005, 24.4249 by changing the saturation by 10% instead.

■ 16.9323, 16.2005,
24.4249

■ 16.9323, 16.2005,
24.4249

227.9458,
230.5219, 288.3171

■ 10.2812, 9.6661,
15.4340

■ 37.7539, 36.9459,
51.6752

■ 5.6495, 5.1782,
8.9745

■ 52.6551, 51.9258,
70.7717

■ 2.6718, 2.3522,
4.6280

■ 71.0371, 70.4896,
94.0737

■ 0.9827, 0.8011,
1.9758

■ 93.2651, 93.0218,
121.9999

■ 0.0000, 0.0000,
0.5403

119.7047,
119.9067, 154.9689

■ 0.0000, 0.0000,
0.0000

150.7211,

151.5288, 193.3990

186.6797,
188.2724, 237.7089

■ 16.9323, 16.2005,
24.4249

■ 16.9323, 16.2005,
24.4249

■ 14.5431, 13.0433,
23.9417

■ 19.6406, 19.8407,
24.9850

■ 12.4590, 10.3463,
23.5310

■ 22.6781, 23.9813,
25.6242

■ 10.6672, 8.0879,
23.1895

■ 26.0564, 28.6415,
26.3456

■ 9.1534, 6.2439,
22.9133

■ 29.7862, 33.8385,
27.1522

■ 7.9020, 4.7876,
22.6982

■ 33.8774, 39.5892,
28.0465

■ 6.8955, 3.6893,
22.5392

■ 38.3398, 45.9092,
29.0312

■ 6.1141, 2.9144,
22.4309

■ 43.1826, 52.8140,
30.1087

■ 5.5129, 2.3787,
22.3592

■ 48.4148, 60.3181,
31.2814

■ 5.4467, 2.3188,
22.3511

■ 54.0450, 68.4358,
32.5515

Harmonies

Analogous

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



15.6274, 16.2005, 26.0957



16.9323, 16.2005, 24.4249



17.8647, 16.2005, 20.9514

Triad

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



16.9323, 16.2005, 24.4249



16.5148, 16.2005, 11.7389



12.9625, 16.2005, 18.3011

Complementary

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



16.9323, 16.2005, 24.4249



19.4071, 22.1433, 17.4394

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.



13.1697, 16.2005, 14.6966



16.9323, 16.2005, 24.4249



15.1711, 16.2005, 11.2415

Square

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



16.9323, 16.2005, 24.4249



17.6140, 16.2005, 13.7171



13.9595, 16.2005, 12.2440



13.3763, 16.2005, 22.2465

Rectangle

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



16.9323, 16.2005, 24.4249



18.1216, 16.2005, 18.2852



13.9595, 16.2005, 12.2440



12.9621, 16.2005, 17.0094

Sweetspot

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



16.9328, 16.2012, 24.4253



36.5598, 37.4129, 45.0329



17.6576, 19.3602, 24.9968



8.1742, 8.3440, 10.1324



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.



16.9328, 16.2012, 24.4253



28.2301, 26.2340, 43.3142



18.6880, 17.1060, 24.5074



4.5810, 4.6201, 5.8511



5.1963, 2.2129, 21.2900



0.0255, 0.0115, 0.0741

Inverse Universe

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



18.6741, 17.1676, 21.3991



32.0427, 28.3519, 36.6047



17.7452, 21.2866, 17.3616



4.7886, 4.7351, 5.4992



10.7841, 5.3780, 8.7016



0.0409, 0.0200, 0.0486

Previews

White Background



This preview shows how the XYZ color 16.9323, 16.2005, 24.4249 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 16.9323, 16.2005, 24.4249 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 16.9323, 16.2005, 24.4249

Background



This preview shows how black text looks on a background with the XYZ color 16.9323, 16.2005, 24.4249.



This preview shows how white text looks on a background with the XYZ color 16.9323, 16.2005,

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

16.9323, 16.2005, 24.4249

Protanopia

16.1210, 16.2439, 25.2074

Deuteranopia

16.5123, 16.1414, 24.4356



Tritanopia

15.9759, 16.1286, 19.7239

Trichromacy



Original Color

16.9323, 16.2005, 24.4249

Protanomaly

16.4346, 16.2526, 24.8251

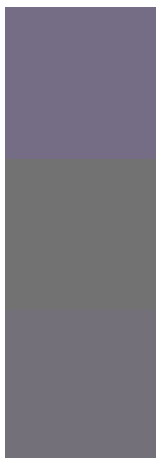
Deuteranomaly

16.6417, 16.2081, 24.4417

Tritanomaly

16.3092, 16.1055, 21.3179

Monochromacy



Original Color

16.9323, 16.2005, 24.4249

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3156, 16.6137, 20.4360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9323, 16.2005, 24.4249 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(117, 108, 133)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 133)  
}
```

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(117, 108, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 133) }
```

Border

The CSS property to change the border of an element to XYZ 16.9323, 16.2005, 24.4249 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(117, 108, 133) }
```


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

```
.border{ border-color:rgb(117, 108, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 108, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 133);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9323, 16.2005, 24.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 133) }
```

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

```
.background{ background-color: rgb(117,  
108, 133) }
```

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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