

Converting Colors

XYZ(16.6319, 16.8590, 24.4535)

Have a look what the booklet for
XYZ(16.6319, 16.8590, 24.4535)
contains.

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Color

**XYZ(16.6943, 16.8832,
24.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7185
RGB	111, 113, 133
RGB Percent	44%, 44%, 52%
CMY	0.5647, 0.5569, 0.4784
CMYK	0.17, 0.15, 0.00, 0.48
HSL	235°, 9%, 48%
HSV	235°, 17%, 52%
XYZ	16.6943, 16.8832, 24.5692
YIQ	114.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

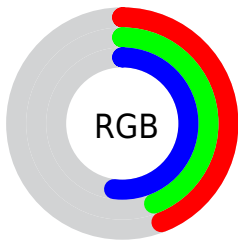
Format	Color
R_{YB}	111, 113, 133
Decimal	7303557
CIE _{Lab}	48.11, 3.67, -11.22
CIE _{LCh}	48, 11.806, 288.096
Yxy	16.8832, 0.2871, 0.2904
Android (android.graphics.Color)	4285493637 (0xFF6F7185)
YUV	114.6820, 9.0308, -3.2291
Hunter-Lab	41.0892, 0.6175, -6.6899

Details

The XYZ color **16.6943, 16.8832, 24.5692** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6585, 22.3668, 18.2677**, and the grayscale version is **16.1751, 17.0175, 18.5320**.

A 20% lighter version of the original color is **37.4223, 38.2420, 51.8634**, and **5.5015, 5.4619, 8.9479** is the 20% darker color. If you saturate the color by 10%, you get **13.8837, 13.5639, 24.0769**, and if you desaturate by 10%, it is **19.9349, 20.6918, 25.1338**.

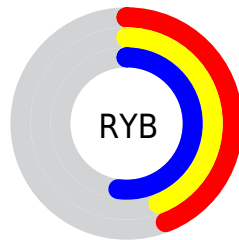
Distribution



Red (44%)

Green (44%)

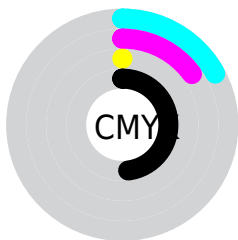
Blue (52%)



Red (44%)

Yellow (44%)

Blue (52%)

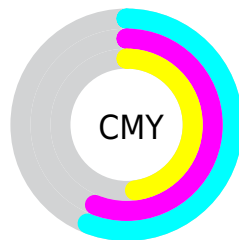


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (56%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6943, 16.8832, 24.5692 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 16.6943, 16.8832, 24.5692 by changing the saturation by 10% instead.

■ 16.6943, 16.8832,
24.5692

■ 16.6943, 16.8832,
24.5692

226.5953,
234.4984, 289.0644

■ 10.1107, 10.1513,
15.5403

■ 37.3472, 38.1248,
51.9129

■ 5.5353, 5.4994,
9.0486

■ 52.1473, 53.4033,
71.0648

■ 2.6026, 2.5431,
4.6757

■ 70.4168, 72.2995,
94.4280

■ 0.9473, 0.8982,
2.0029

■ 92.5213, 95.1976,
122.4213

■ 0.0000, 0.0000,
0.5570

118.8260,
122.4822, 155.4630

■ 0.0000, 0.0000,
0.0000

149.6964,

154.5376, 193.9717

185.4977,
191.7482, 238.3660

■ 16.6943, 16.8832,
24.5692

■ 16.6943, 16.8832,
24.5692

■ 13.8837, 13.5639,
24.0769

■ 19.9349, 20.6918,
25.1338

■ 11.4835, 10.7121,
23.6530

■ 23.6208, 25.0062,
25.7723

■ 9.4748, 8.3072,
23.2946

■ 27.7686, 29.8448,
26.4876

■ 7.8369, 6.3267,
22.9987

■ 32.3936, 35.2244,
27.2822

■ 6.5468, 4.7456,
22.7615

■ 37.5103, 41.1610,
28.1584

■ 5.5793, 3.5368,
22.5792

■ 43.1327, 47.6700,
29.1185

■ 4.9054, 2.6693,
22.4473

■ 49.2740, 54.7663,
30.1645

■ 4.4808, 2.1021,
22.3602

■ 55.9471, 62.4639,
31.2986

■ 4.3664, 1.9588,
22.3385

■ 63.1646, 70.7768,
32.5227

Harmonies

Analogous

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



15.6265, 16.8832, 24.7695



16.6943, 16.8832, 24.5692



17.6268, 16.8832, 22.6040

Triad

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



16.6943, 16.8832, 24.5692



17.4601, 16.8832, 14.3384



14.1175, 16.8832, 17.1946

Complementary

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



16.6943, 16.8832, 24.5692



20.6585, 22.3668, 18.2677

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.



14.5645, 16.8832, 14.7230



16.6943, 16.8832, 24.5692



16.4749, 16.8832, 13.2009

Square

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



16.6943, 16.8832, 24.5692



18.0823, 16.8832, 16.6134



15.4166, 16.8832, 13.3334



14.1704, 16.8832, 20.2738

Rectangle

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



16.6943, 16.8832, 24.5692



18.0318, 16.8832, 20.6689



15.4166, 16.8832, 13.3334



14.2135, 16.8832, 16.2720

Sweetspot

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



16.6948, 16.8839, 24.5696



36.5914, 38.1008, 45.1640



19.0266, 21.7882, 24.6047



8.1594, 8.4849, 10.1604



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.



16.6948, 16.8839, 24.5696



27.8367, 27.8063, 43.6384



17.6364, 17.0415, 24.5504



4.4660, 4.6077, 5.8547



4.1620, 1.8719, 21.2786



0.0165, 0.0106, 0.0744

Inverse Universe

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



18.3383, 17.5481, 18.0441



31.3874, 29.2634, 29.5360



19.5982, 22.2231, 18.2959



4.6885, 4.6951, 4.9720



9.2789, 4.7759, 0.7752



0.0332, 0.0170, 0.0082

Previews

White Background



This preview shows how the XYZ color 16.6943, 16.8832, 24.5692 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 16.6943, 16.8832, 24.5692 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

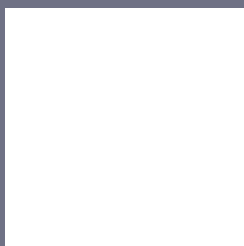
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6943, 16.8832, 24.5692

Background



This preview shows how black text looks on a background with the XYZ color 16.6943, 16.8832, 24.5692.



This preview shows how white text looks on a background with the XYZ color 16.6943, 16.8832,

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

16.6943, 16.8832, 24.5692

Protanopia

16.5692, 16.8187, 24.5633

Deuteranopia

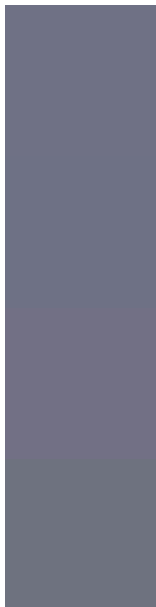
17.1205, 16.7753, 24.5259



Tritanopia

16.0755, 16.9679, 21.4966

Trichromacy



Original Color

16.6943, 16.8832, 24.5692

Protanomaly

16.5692, 16.8187, 24.5633

Deuteranomaly

16.9672, 16.8592, 24.5502

Tritanomaly

16.2785, 16.8819, 22.4792

Monochromacy



Original Color

16.6943, 16.8832, 24.5692

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4696, 17.0172, 20.8290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6943, 16.8832, 24.5692 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(111, 113, 133)` looks like.

```
.text, #text, p{  
    color:rgb(111, 113, 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(111, 113, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 113, 133) }
```

Border

The CSS property to change the border of an element to XYZ 16.6943, 16.8832, 24.5692 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(111, 113, 133) }
```


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

```
.border{ border-color:rgb(111, 113, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 113, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 113, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 113, 133);  
box-shadow:4px 4px 4px 4px rgb(111, 113,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6943, 16.8832, 24.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 113, 133) }
```

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

```
.background{ background-color: rgb(111,  
113, 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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