

Converting Colors

XYZ(16.3725, 16.5916, 22.7616)

Have a look what the booklet for
XYZ(16.3725, 16.5916, 22.7616)
contains.

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Color

**XYZ(16.3725, 16.5916,
22.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	707080
RGB	112, 112, 128
RGB Percent	44%, 44%, 50%
CMY	0.5608, 0.5608, 0.4980
CMYK	0.12, 0.12, 0.00, 0.50
HSL	240°, 7%, 47%
HSV	240°, 12%, 50%
XYZ	16.3725, 16.5916, 22.7616
YIQ	113.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

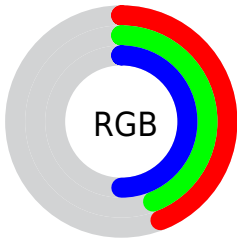
Format	Color
R_{YB}	112, 112, 128
Decimal	7368832
CIE Lab	47.74, 3.46, -8.80
CIE LCh	48, 9.454, 291.445
Yxy	16.5916, 0.2938, 0.2977
Android (android.graphics.Color)	4285558912 (0xFF707080)
YUV	113.8240, 6.9888, -1.5996
Hunter-Lab	40.7328, 0.4655, -4.6185

Details

The XYZ color **16.3725, 16.5916, 22.7616** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5458, 21.1971, 18.3907**, and the grayscale version is **15.9227, 16.7520, 18.2429**.

A 20% lighter version of the original color is **36.9258, 37.7796, 49.0621**, and **5.3590, 5.3213, 8.1418** is the 20% darker color. If you saturate the color by 10%, you get **13.5451, 13.1850, 22.2533**, and if you desaturate by 10%, it is **19.6332, 20.5205, 23.3484**.

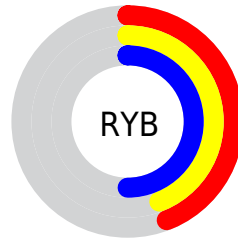
Distribution



Red (44%)

Green (44%)

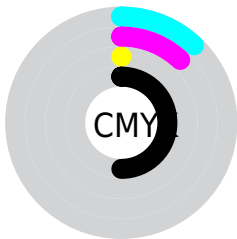
Blue (50%)



Red (44%)

Yellow (44%)

Blue (50%)

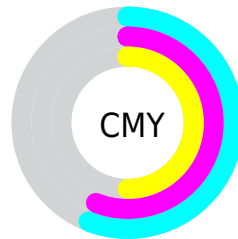


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3725, 16.5916, 22.7616 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 16.3725, 16.5916, 22.7616 by changing the saturation by 10% instead.

■ 16.3725, 16.5916,
22.7616

■ 16.3725, 16.5916,
22.7616

224.7573,
232.8078, 279.5803

■ 9.8806, 9.9437,
14.2139

■ 36.7959, 37.6222,
48.9198

■ 5.3815, 5.3617,
8.1292

■ 51.4582, 52.7738,
67.3674

■ 2.5099, 2.4610,
4.0887

■ 69.5747, 71.5288,
89.9521

■ 0.9002, 0.8570,
1.6742

■ 91.5107, 94.2715,
117.0924

■ 0.0000, 0.0000,
0.3429

117.6316,
121.3863, 149.2068

■ 0.0000, 0.0000,
0.0000

148.3028,

153.2577, 186.7139

183.8895,
190.2701, 230.0322

■ 16.3725, 16.5916,
22.7616

■ 16.3725, 16.5916,
22.7616

■ 13.5451, 13.1850,
22.2533

■ 19.6332, 20.5205,
23.3484

■ 11.1314, 10.2766,
21.8192

■ 23.3428, 24.9901,
24.0156

■ 9.1124, 7.8439,
21.4560

■ 27.5179, 30.0206,
24.7665

■ 7.4671, 5.8615,
21.1601

■ 32.1739, 35.6305,
25.6039

■ 6.1727, 4.3017,
20.9273

■ 37.3254, 41.8375,
26.5305

■ 5.2036, 3.1340,
20.7529

■ 42.9865, 48.6583,
27.5486

■ 4.5310, 2.3235,
20.6319

■ 49.1705, 56.1093,
28.6609

■ 4.1209, 1.8292,
20.5582

■ 55.8906, 64.2060,
29.8695

■ 3.8965, 1.5589,
20.5178

■ 63.1591, 72.9636,
31.1768

Harmonies

Analogous

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



15.5289, 16.5916, 23.0791



16.3725, 16.5916, 22.7616



17.0774, 16.5916, 21.1298

Triad

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



16.3725, 16.5916, 22.7616



16.8064, 16.5916, 14.6593



14.2142, 16.5916, 17.3807

Complementary

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



16.3725, 16.5916, 22.7616



19.5458, 21.1971, 18.3907

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.



14.5307, 16.5916, 15.3126



16.3725, 16.5916, 22.7616



16.0132, 16.5916, 13.8362

Square

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



16.3725, 16.5916, 22.7616



17.3341, 16.5916, 16.4140



15.1821, 16.5916, 14.0642



14.3026, 16.5916, 19.8241

Rectangle

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



16.3725, 16.5916, 22.7616



17.3640, 16.5916, 19.5900



15.1821, 16.5916, 14.0642



14.2763, 16.5916, 16.6221

Sweetspot

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



16.3730, 16.5923, 22.7620



33.6008, 34.9651, 40.9343



18.2802, 20.4348, 23.3112



7.7740, 8.0744, 9.5671



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.3730, 16.5923, 22.7620



27.3342, 27.4144, 39.8071



17.3995, 17.1211, 22.8099



4.1089, 4.2118, 5.4097



3.8636, 1.5457, 20.3447



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.6212, 17.3477, 17.7498



29.9814, 29.0164, 29.1772



18.4268, 20.6206, 18.3384



4.3278, 4.3443, 4.5307



8.8271, 4.5506, 0.4136



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3725, 16.5916, 22.7616 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 16.3725, 16.5916, 22.7616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

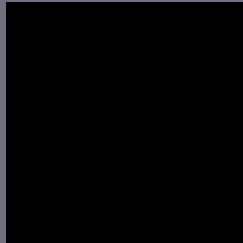
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3725, 16.5916, 22.7616

Background



This preview shows how black text looks on a background with the XYZ color 16.3725, 16.5916, 22.7616.



This preview shows how white text looks on a background with the XYZ color 16.3725, 16.5916,

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

16.3725, 16.5916, 22.7616

Protanopia

16.2460, 16.5264, 22.7557

Deuteranopia

16.8083, 16.4923, 22.7195



Tritanopia

15.9735, 16.5949, 20.7736

Trichromacy



Original Color

16.3725, 16.5916, 22.7616

Protanomaly

16.2460, 16.5264, 22.7557

Deuteranomaly

16.6510, 16.5722, 22.7432

Tritanomaly

16.0988, 16.6450, 21.4331

Monochromacy



Original Color

16.3725, 16.5916, 22.7616

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0450, 16.6529, 19.8214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3725, 16.5916, 22.7616 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(112, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 112, 128)  
}
```

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(112, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.3725, 16.5916, 22.7616 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(112, 112, 128) }
```


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

```
.border{ border-color:rgb(112, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(112, 112,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3725, 16.5916, 22.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 112, 128) }
```

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

```
.background{ background-color: rgb(112,  
112, 128) }
```

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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