

Converting Colors

XYZ(15.9699, 15.2176, 22.3455)

Have a look what the booklet for
XYZ(15.9699, 15.2176, 22.3455)
contains.

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Color

**XYZ(16.0181, 15.3065,
22.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	736980
RGB	115, 105, 128
RGB Percent	45%, 41%, 50%
CMY	0.5490, 0.5882, 0.4980
CMYK	0.10, 0.18, 0.00, 0.50
HSL	266°, 10%, 46%
HSV	266°, 18%, 50%
XYZ	16.0181, 15.3065, 22.5323
YIQ	110.6120, -1.4230, 9.2730

Conversions

Conversions Part 2

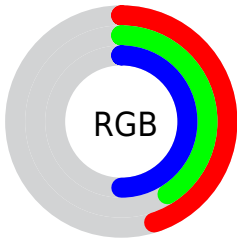
Format	Color
R_{YB}	115, 105, 128
Decimal	7563648
CIE _{Lab}	46.05, 8.72, -11.31
CIE _{LCh}	46, 14.284, 307.621
Yxy	15.3065, 0.2974, 0.2842
Android (android.graphics.Color)	4285753728 (0xFF736980)
YUV	110.6120, 8.5723, 3.8483
Hunter-Lab	39.1235, 4.6160, -6.7603

Details

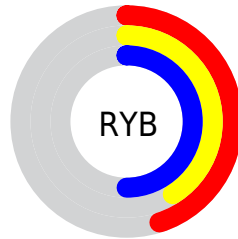
The XYZ color **16.0181, 15.3065, 22.5323** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7407, 20.3102, 16.3505**, and the grayscale version is **14.9738, 15.7537, 17.1557**.

A 20% lighter version of the original color is **36.1653, 35.3286, 48.6290**, and **5.2391, 4.7839, 8.0444** is the 20% darker color. If you saturate the color by 10%, you get **13.8970, 12.4215, 22.0875**, and if you desaturate by 10%, it is **18.4111, 18.6238, 23.0467**.

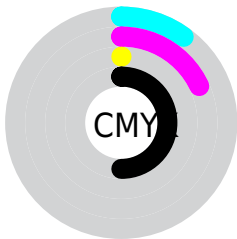
Distribution



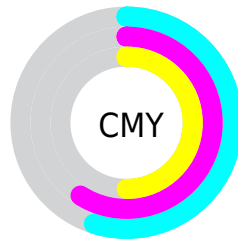
- Red (45%)
- Green (41%)
- Blue (50%)



- Red (45%)
- Yellow (41%)
- Blue (50%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0181, 15.3065, 22.5323 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 16.0181, 15.3065, 22.5323 by changing the saturation by 10% instead.

■ 16.0181, 15.3065,
22.5323

■ 16.0181, 15.3065,
22.5323

222.7168,
225.2140, 278.3572

■ 9.6279, 9.0348,
14.0465

■ 36.1868, 35.3900,
48.5376

■ 5.2133, 4.7639,
8.0139

■ 50.6960, 49.9705,
66.8942

■ 2.4090, 2.1094,
4.0159

■ 68.6423, 68.0895,
89.3782

■ 0.8496, 0.6699,
1.6341

■ 90.3910, 90.1312,
116.4081

■ 0.0000, 0.0000,
0.3150

116.3074,
116.4801, 148.4024

■ 0.0000, 0.0000,
0.0000

146.7569,

147.5206, 185.7796

182.1050,
183.6371, 228.9584

■ 16.0181, 15.3065,
22.5323

■ 16.0181, 15.3065,
22.5323

■ 13.8970, 12.4215,
22.0875

■ 18.4111, 18.6238,
23.0467

■ 12.0359, 9.9484,
21.7082

■ 21.0844, 22.3888,
23.6325

■ 10.4241, 7.8683,
21.3917

■ 24.0479, 26.6183,
24.2927

■ 9.0496, 6.1598,
21.1343

■ 27.3103, 31.3277,
25.0298

■ 7.8993, 4.7994,
20.9324

■ 30.8802, 36.5319,
25.8461

■ 6.9584, 3.7607,
20.7815

■ 34.7658, 42.2448,
26.7440

■ 6.2104, 3.0136,
20.6767

■ 38.9747, 48.4801,
27.7257

■ 5.6188, 2.4884,
20.6065

■ 43.5146, 55.2507,
28.7933

■ 5.5077, 2.3892,
20.5932

■ 48.3927, 62.5692,
29.9488

Harmonies

Analogous

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



14.8597, 15.3065, 24.1967



16.0181, 15.3065, 22.5323



16.8119, 15.3065, 19.3390

Triad

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



16.0181, 15.3065, 22.5323



15.4539, 15.3065, 11.2242



12.3582, 15.3065, 17.5673

Complementary

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



16.0181, 15.3065, 22.5323



17.7407, 20.3102, 16.3505

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.



12.4977, 15.3065, 14.2517



16.0181, 15.3065, 22.5323



14.2414, 15.3065, 10.8867

Square

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



16.0181, 15.3065, 22.5323



16.4737, 15.3065, 12.9143



13.1714, 15.3065, 11.9183



12.7792, 15.3065, 21.0822

Rectangle

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



16.0181, 15.3065, 22.5323



17.0037, 15.3065, 16.9448



13.1714, 15.3065, 11.9183



12.3416, 15.3065, 16.3907

Sweetspot

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



16.0186, 15.3071, 22.5326



33.7065, 34.5986, 40.8579



16.2049, 17.5270, 22.9513



7.8282, 8.0114, 9.5521



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.



16.0186, 15.3071, 22.5326



26.4493, 24.5520, 39.3013



17.6215, 16.1335, 22.6077



4.2724, 4.2960, 5.4173



5.4627, 2.3698, 20.4195



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2242, 16.0010, 19.3209



29.0581, 26.0544, 32.3080



16.2770, 19.5556, 16.2820



4.4216, 4.3818, 5.0246



9.9990, 5.0193, 6.5844



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0181, 15.3065, 22.5323 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 16.0181, 15.3065, 22.5323 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 16.0181, 15.3065, 22.5323

Background



This preview shows how black text looks on a background with the XYZ color 16.0181, 15.3065, 22.5323.



This preview shows how white text looks on a background with the XYZ color 16.0181, 15.3065,

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

16.0181, 15.3065, 22.5323

Protanopia

15.2175, 15.3401, 23.2780

Deuteranopia

15.6059, 15.2461, 22.5423



Tritanopia

15.2201, 15.2871, 18.6715

Trichromacy



Original Color

16.0181, 15.3065, 22.5323

Protanomaly

15.5268, 15.3516, 22.9137

Deuteranomaly

15.7324, 15.3113, 22.5483

Tritanomaly

15.4836, 15.2415, 19.8951

Monochromacy



Original Color

16.0181, 15.3065, 22.5323

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3616, 15.6664, 19.0439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0181, 15.3065, 22.5323 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(115, 105, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 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(115, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.0181, 15.3065, 22.5323 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(115, 105, 128) }
```


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

```
.border{ border-color:rgb(115, 105, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(115, 105,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0181, 15.3065, 22.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 105, 128) }
```

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

```
.background{ background-color: rgb(115,  
105, 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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