

Converting Colors

XYZ(16.3400, 16.4615, 23.3131)

Have a look what the booklet for
XYZ(16.3400, 16.4615, 23.3131)
contains.

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Color

**XYZ(16.2692, 16.3601,
23.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6F82
RGB	111, 111, 130
RGB Percent	44%, 44%, 51%
CMY	0.5647, 0.5647, 0.4902
CMYK	0.15, 0.15, 0.00, 0.49
HSL	240°, 8%, 47%
HSV	240°, 15%, 51%
XYZ	16.2692, 16.3601, 23.4194
YIQ	113.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

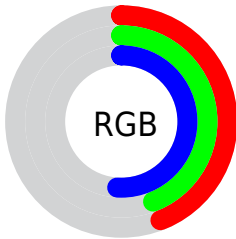
Format	Color
R _Y B	111, 111, 130
Decimal	7303042
CIE Lab	47.44, 4.15, -10.45
CIE LCh	47, 11.241, 291.686
Yxy	16.3601, 0.2903, 0.2919
Android (android.graphics.Color)	4285493122 (0xFF6F6F82)
YUV	113.1660, 8.2992, -1.8996
Hunter-Lab	40.4476, 1.0145, -6.0159

Details

The XYZ color **16.2692, 16.3601, 23.4194** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0577, 21.8585, 18.2011**, and the grayscale version is **15.7231, 16.5419, 18.0142**.

A 20% lighter version of the original color is **36.7487, 37.3998, 50.0818**, and **5.3126, 5.2059, 8.5094** is the 20% darker color. If you saturate the color by 10%, you get **13.4345, 12.9446, 22.9098**, and if you desaturate by 10%, it is **19.5494, 20.3125, 24.0097**.

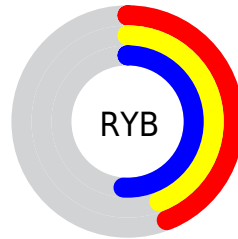
Distribution



Red (44%)

Green (44%)

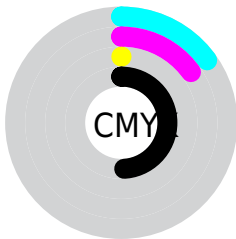
Blue (51%)



Red (44%)

Yellow (44%)

Blue (51%)

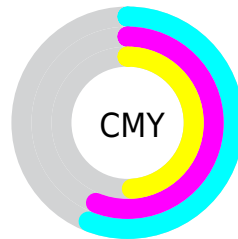


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2692, 16.3601, 23.4194 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 16.2692, 16.3601, 23.4194 by changing the saturation by 10% instead.

■ 16.2692, 16.3601,
23.4194

■ 16.2692, 16.3601,
23.4194

224.1643,
231.4573, 283.0633

■ 9.8069, 9.7793,
14.6953

■ 36.6186, 37.2222,
50.0130

■ 5.3324, 5.2529,
8.4616

■ 51.2364, 52.2724,
68.7195

■ 2.4803, 2.3964,
4.2997

■ 69.3035, 70.9145,
91.5906

■ 0.8853, 0.8240,
1.7912

■ 91.1851, 93.5328,
119.0448

■ 0.0000, 0.0000,
0.4221

117.2466,
120.5119, 151.5006

■ 0.0000, 0.0000,
0.0000

147.8534,

152.2361, 189.3766

183.3709,
189.0898, 233.0913

■ 16.2692, 16.3601,
23.4194

■ 16.2692, 16.3601,
23.4194

■ 13.4345, 12.9446,
22.9098

■ 19.5494, 20.3125,
24.0097

■ 11.0246, 10.0409,
22.4764

■ 23.2917, 24.8215,
24.6828

■ 9.0197, 7.6251,
22.1157

■ 27.5133, 29.9081,
25.4421

■ 7.3974, 5.6703,
21.8239

■ 32.2305, 35.5918,
26.2905

■ 6.1334, 4.1473,
21.5966

■ 37.4586, 41.8910,
27.2308

■ 5.2007, 3.0234,
21.4288

■ 43.2123, 48.8236,
28.2657

■ 4.5682, 2.2612,
21.3150

■ 49.5057, 56.4063,
29.3976

■ 4.1931, 1.8092,
21.2475

■ 56.3524, 64.6557,
30.6290

■ 4.0295, 1.6120,
21.2181

■ 63.7654, 73.5875,
31.9623

Harmonies

Analogous

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



15.2741, 16.3601, 23.8189



16.2692, 16.3601, 23.4194



17.1034, 16.3601, 21.4397

Triad

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



16.2692, 16.3601, 23.4194



16.7692, 16.3601, 13.8424



13.7285, 16.3601, 17.0310

Complementary

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



16.2692, 16.3601, 23.4194



20.0577, 21.8585, 18.2011

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.



14.0932, 16.3601, 14.6209



16.2692, 16.3601, 23.4194



15.8287, 16.3601, 12.9130

Square

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



16.2692, 16.3601, 23.4194



17.4006, 16.3601, 15.8601



14.8519, 16.3601, 13.1820



13.8351, 16.3601, 19.9208

Rectangle

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



16.2692, 16.3601, 23.4194



17.4422, 16.3601, 19.5954



14.8519, 16.3601, 13.1820



13.7994, 16.3601, 16.1428

Sweetspot

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



16.2697, 16.3608, 23.4198



34.7530, 36.1635, 42.3411



18.5464, 20.9482, 24.0740



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.



16.2697, 16.3608, 23.4198



26.6679, 26.4218, 40.8869



17.4851, 16.9870, 23.4766



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.



17.7599, 17.2627, 17.4357



29.8899, 28.3717, 27.9492



18.7116, 21.1649, 18.1382



4.3278, 4.3443, 4.5306



8.8271, 4.5505, 0.4135



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2692, 16.3601, 23.4194 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 16.2692, 16.3601, 23.4194 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

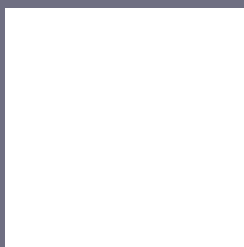
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2692, 16.3601, 23.4194

Background



This preview shows how black text looks on a background with the XYZ color 16.2692, 16.3601, 23.4194.



This preview shows how white text looks on a background with the XYZ color 16.2692, 16.3601,

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

16.2692, 16.3601, 23.4194

Protanopia

16.1301, 16.4513, 23.4444

Deuteranopia

16.6754, 16.4084, 23.4073



Tritanopia

15.5520, 16.2200, 20.4003

Trichromacy



Original Color

16.2692, 16.3601, 23.4194

Protanomaly

16.2538, 16.5150, 23.4501

Deuteranomaly

16.5446, 16.3410, 23.4012

Tritanomaly

15.8627, 16.3586, 21.3903

Monochromacy



Original Color

16.2692, 16.3601, 23.4194

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.8060, 16.3650, 19.7785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2692, 16.3601, 23.4194 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, 111, 130)` looks like.

```
.text, #text, p{  
    color:rgb(111, 111, 130)  
}
```

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, 111, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 111, 130) }
```

Border

The CSS property to change the border of an element to XYZ 16.2692, 16.3601, 23.4194 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, 111, 130) }
```


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

```
.border{ border-color:rgb(111, 111, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 111, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 111, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 111, 130);  
box-shadow:4px 4px 4px 4px rgb(111, 111,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2692, 16.3601, 23.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 111, 130) }
```

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

```
.background{ background-color: rgb(111,  
111, 130) }
```

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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