

Converting Colors

XYZ(16.1621, 16.4492, 15.5468)

Have a look what the booklet for
XYZ(16.1621, 16.4492, 15.5468)
contains.

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Color

**XYZ(16.2092, 16.5059,
15.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6F68
RGB	122, 111, 104
RGB Percent	48%, 44%, 41%
CMY	0.5216, 0.5647, 0.5922
CMYK	0.00, 0.09, 0.15, 0.52
HSL	23°, 8%, 44%
HSV	23°, 15%, 48%
XYZ	16.2092, 16.5059, 15.4284
YIQ	113.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

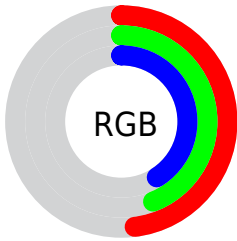
Format	Color
R_{YB}	122, 115, 104
Decimal	8023912
CIE Lab	47.63, 3.00, 5.44
CIE LCh	48, 6.215, 61.113
Yxy	16.5059, 0.3367, 0.3428
Android (android.graphics.Color)	4286213992 (0xFF7A6F68)
YUV	113.4910, -4.6791, 7.4624
Hunter-Lab	40.6275, 0.1184, 5.9237

Details

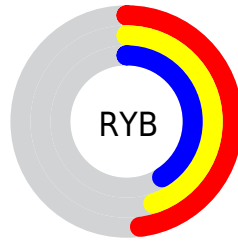
The XYZ color **16.2092, 16.5059, 15.4284** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3526, 16.6095, 20.8094**, and the grayscale version is **15.8541, 16.6797, 18.1642**.

A 20% lighter version of the original color is **36.6928, 37.6749, 36.3484**, and **5.2637, 5.2669, 4.6101** is the 20% darker color. If you saturate the color by 10%, you get **14.8542, 14.7168, 12.1374**, and if you desaturate by 10%, it is **17.7227, 18.4681, 19.2150**.

Distribution



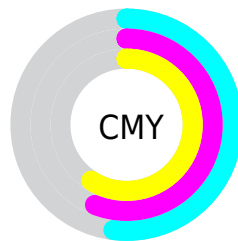
- Red (48%)
- Green (44%)
- Blue (41%)



- Red (48%)
- Yellow (45%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2092, 16.5059, 15.4284 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 16.2092, 16.5059, 15.4284 by changing the saturation by 10% instead.

■ 16.2092, 16.5059,
15.4284

■ 16.2092, 16.5059,
15.4284

223.8192,
232.3087, 237.6742

■ 9.7641, 9.8828,
8.9706

■ 36.5155, 37.4743,
36.3559

■ 5.3039, 5.3213,
4.6255

■ 51.1075, 52.5884,
51.6626

■ 2.4632, 2.4370,
1.9744

■ 69.1457, 71.3016,
70.7562

■ 0.8767, 0.8448,
0.5395

■ 90.9956, 93.9984,
94.0550

■ 0.0000, 0.0000,
0.0000

117.0226,
121.0631, 121.9777

147.5919,

152.8801, 154.9428

183.0690,
189.8339, 193.3688

■ 16.2092, 16.5059,
15.4284

■ 16.2092, 16.5059,
15.4284

■ 14.8542, 14.7168,
12.1374

■ 17.7227, 18.4681,
19.2150

■ 13.6509, 13.0939,
9.3202

■ 19.3985, 20.6058,
23.5157

■ 12.5938, 11.6327,
6.9550

■ 21.2420, 22.9243,
28.3493

■ 11.6768, 10.3279,
5.0178

■ 23.2579, 25.4278,
33.7333

■ 10.8931, 9.1738,
3.4822

■ 25.4508, 28.1203,
39.6844

■ 10.2353, 8.1644,
2.3190

■ 27.8251, 31.0061,
46.2186

■ 9.6952, 7.2930,
1.4951

■ 30.3849, 34.0887,
53.3514

■ 9.2612, 6.5516,
0.9603

■ 33.1343, 37.3721,
61.0974

■ 9.0611, 6.2074,
0.7206

■ 36.0771, 40.8599,
69.4710

Harmonies

Analogous

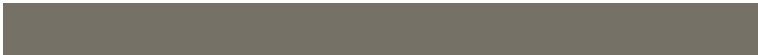
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.6192, 16.5059, 16.4397



16.2092, 16.5059, 15.4284



15.6677, 16.5059, 15.0882

Triad

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



16.2092, 16.5059, 15.4284



14.6461, 16.5059, 18.0315



16.2459, 16.5059, 20.7158

Complementary

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



16.2092, 16.5059, 15.4284



15.3526, 16.6095, 20.8094

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.



15.7091, 16.5059, 21.2019



16.2092, 16.5059, 15.4284



14.7929, 16.5059, 19.5969

Square

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



16.2092, 16.5059, 15.4284



14.7730, 16.5059, 16.5367



15.1788, 16.5059, 20.7811



16.6407, 16.5059, 19.4883

Rectangle

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



16.2092, 16.5059, 15.4284



15.3074, 16.5059, 15.2709



15.1788, 16.5059, 20.7811



16.0756, 16.5059, 20.9745

Sweetspot

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



16.2097, 16.5066, 15.4288



31.3640, 32.7281, 34.2738



16.0769, 15.2786, 18.3518



7.1304, 7.4306, 7.7326



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.2097, 16.5066, 15.4288



27.6080, 27.8463, 24.9131



17.2295, 18.5462, 15.7687



4.1143, 4.2471, 4.2274



9.5320, 6.5199, 0.7561



44.6946, 29.5526, 3.3486

Inverse Universe

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



15.3526, 16.6095, 20.8094



25.7697, 28.0664, 36.4521



14.3864, 14.6772, 20.4874



3.9823, 4.2630, 5.0561



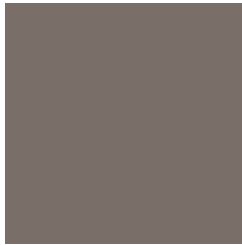
6.3068, 6.6960, 20.3453



29.2388, 30.2503, 96.7676

Previews

White Background



This preview shows how the XYZ color 16.2092, 16.5059, 15.4284 looks on a white background.

Color Contrast Check

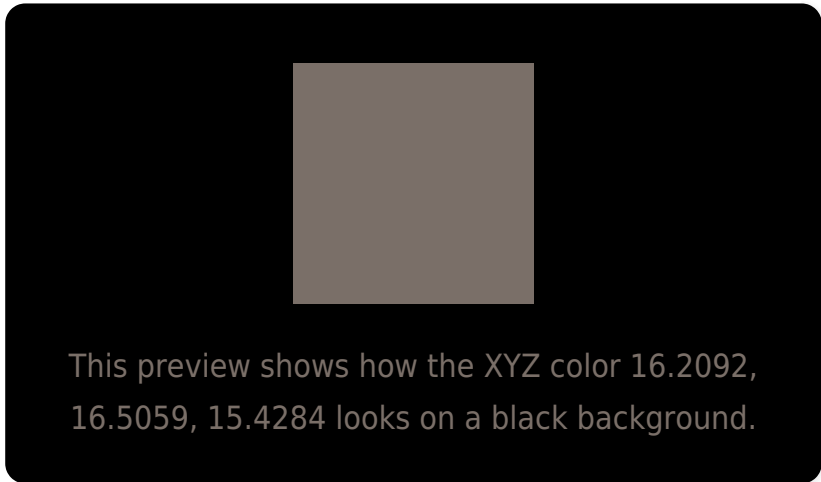
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 16.2092, 16.5059, 15.4284

Background



This preview shows how black text looks on a background with the XYZ color 16.2092, 16.5059, 15.4284.



This preview shows how white text looks on a background with the XYZ color 16.2092, 16.5059,

15.4284.

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

16.2092, 16.5059, 15.4284

Protanopia

15.7910, 16.6121, 15.7388

Deuteranopia

16.7197, 16.4488, 15.3904



Tritanopia

17.0508, 16.5304, 19.4315

Trichromacy



Original Color

16.2092, 16.5059, 15.4284

Protanomaly

15.9517, 16.5302, 15.7145

Deuteranomaly

16.5321, 16.5113, 15.4124

Tritanomaly

16.7249, 16.5551, 17.9367

Monochromacy



Original Color

16.2092, 16.5059, 15.4284

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.8111, 16.4271, 17.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2092, 16.5059, 15.4284 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(122, 111, 104)` looks like.

```
.text, #text, p{  
    color:rgb(122, 111, 104)  
}
```

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(122, 111, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 111, 104) }
```

Border

The CSS property to change the border of an element to XYZ 16.2092, 16.5059, 15.4284 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(122, 111, 104) }
```


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

```
.border{ border-color:rgb(122, 111, 104) }
```

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

Here you see how a box with a 4 pixel rgb(122, 111, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 111, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 111, 104);  
box-shadow:4px 4px 4px 4px rgb(122, 111,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2092, 16.5059, 15.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 111, 104) }
```

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

```
.background{ background-color: rgb(122,  
111, 104) }
```

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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