

Converting Colors

XYZ(15.7320, 14.5417, 6.2893)

Have a look what the booklet for
XYZ(15.7320, 14.5417, 6.2893)
contains.

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Color

**XYZ(15.6645, 14.4649,
6.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	8A623C
RGB	138, 98, 60
RGB Percent	54%, 38%, 24%
CMY	0.4588, 0.6157, 0.7647
CMYK	0.00, 0.29, 0.57, 0.46
HSL	29°, 39%, 39%
HSV	29°, 57%, 54%
XYZ	15.6645, 14.4649, 6.2414
YIQ	105.6280, 36.0380, -3.3380

Conversions

Conversions Part 2

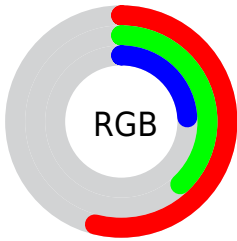
Format	Color
RYB	138, 134, 60
Decimal	9069116
CIELab	44.89, 11.67, 27.87
CIELCh	45, 30.215, 67.287
Yxy	14.4649, 0.4307, 0.3977
Android (android.graphics.Color)	4287259196 (0xFF8A623C)
YUV	105.6280, -22.4946, 28.3902
Hunter-Lab	38.0327, 6.9613, 16.8931

Details

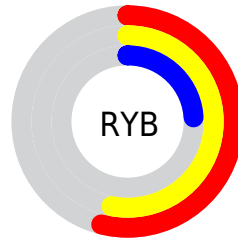
The XYZ color **15.6645, 14.4649, 6.2414** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.0078, 11.9094, 25.7631**, and the grayscale version is **13.6508, 14.3617, 15.6399**.

A 20% lighter version of the original color is **35.7024, 34.0469, 18.8774**, and **5.0237, 4.3364, 1.0624** is the 20% darker color. If you saturate the color by 10%, you get **14.7132, 13.0719, 4.3533**, and if you desaturate by 10%, it is **16.7702, 16.0145, 8.6508**.

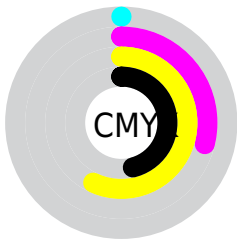
Distribution



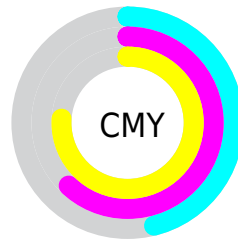
- Red (54%)
- Green (38%)
- Blue (24%)



- Red (54%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6645, 14.4649, 6.2414 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 15.6645, 14.4649, 6.2414 by changing the saturation by 10% instead.

■ 15.6645, 14.4649,
6.2414

■ 15.6645, 14.4649,
6.2414

220.6633,
220.1041, 170.5869

■ 9.3764, 8.4447,
2.9213

■ 35.5769, 33.9117,
18.9162

■ 5.0466, 4.3808,
1.0546

■ 49.9320, 48.1071,
29.1079

■ 2.3096, 1.8888,
0.0000

■ 67.7067, 65.7963,
42.4272

■ 0.7996, 0.5416,
0.0000

■ 89.2665, 87.3638,
59.2927

■ 0.0000, 0.0000,
0.0000

■ 114.9767,
113.1939, 80.1228

■ 145.2027,

143.6711, 105.3362

180.3098,
179.1797, 135.3514

■ 15.6645, 14.4649,
6.2414

■ 15.6645, 14.4649,
6.2414

■ 14.7132, 13.0719,
4.3533

■ 16.7702, 16.0145,
8.6508

■ 13.9062, 11.8273,
2.9453

■ 18.0376, 17.7241,
11.6166

■ 13.2335, 10.7253,
1.9711

■ 19.4744, 19.5998,
15.1720

■ 12.6788, 9.7565,
1.3528

■ 21.0877, 21.6465,
19.3472

■ 12.5024, 9.4458,
1.1643

■ 22.8840, 23.8690,
24.1703

■ 24.8697, 26.2717,
29.6678

■ 27.0505, 28.8590,
35.8646

■ 29.4321, 31.6351,
42.7843

■ 32.0198, 34.6040,
50.4495

Harmonies

Analogous

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



17.8827, 14.4649, 8.8646



15.6645, 14.4649, 6.2414



13.1549, 14.4649, 5.7455

Triad

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



15.6645, 14.4649, 6.2414



9.5560, 14.4649, 17.5384



16.8302, 14.4649, 29.2353

Complementary

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



15.6645, 14.4649, 6.2414



11.0078, 11.9094, 25.7631

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.



14.3595, 14.4649, 33.4556



15.6645, 14.4649, 6.2414



10.3062, 14.4649, 25.5077

Square

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



15.6645, 14.4649, 6.2414



9.8171, 14.4649, 11.0611



11.9954, 14.4649, 31.9186



18.6100, 14.4649, 21.6055

Rectangle

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



15.6645, 14.4649, 6.2414



11.6845, 14.4649, 6.4921



11.9954, 14.4649, 31.9186



16.0422, 14.4649, 31.1897

Sweetspot

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



15.6648, 14.4656, 6.2417



36.9191, 37.8403, 33.4394



14.4119, 9.5610, 13.2188



8.1698, 8.3479, 7.2095



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.6648, 14.4656, 6.2417



25.4919, 22.3715, 6.8612



20.1998, 23.5355, 7.7533



5.2208, 5.4245, 5.3243



11.4776, 8.6896, 1.0723



0.0908, 0.0869, 0.0120

Inverse Universe

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



11.0078, 11.9094, 25.7631



16.4202, 17.3875, 44.8739



8.1358, 6.1654, 24.8058



4.9728, 5.2885, 6.3645



6.2728, 5.8159, 22.8377



0.0563, 0.0679, 0.1566

Previews

White Background



This preview shows how the XYZ color 15.6645, 14.4649, 6.2414 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 15.6645, 14.4649, 6.2414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

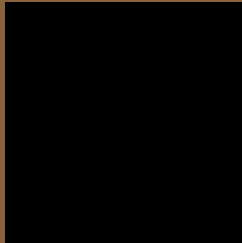
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6645, 14.4649, 6.2414

Background



This preview shows how black text looks on a background with the XYZ color 15.6645, 14.4649, 6.2414.



This preview shows how white text looks on a background with the XYZ color 15.6645, 14.4649,

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

15.6645, 14.4649, 6.2414

Protanopia

13.4910, 14.6562, 6.8205

Deuteranopia

14.7467, 14.5643, 6.1716



Tritanopia

17.1991, 14.4115, 13.9318

Trichromacy



Original Color

15.6645, 14.4649, 6.2414

Protanomaly

14.2773, 14.6084, 6.6246

Deuteranomaly

15.1160, 14.6097, 6.1609

Tritanomaly

16.5471, 14.4157, 10.5047

Monochromacy



Original Color

15.6645, 14.4649, 6.2414

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1246, 14.2733, 11.4618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6645, 14.4649, 6.2414 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(138, 98, 60)` looks like.

```
.text, #text, p{  
    color:rgb(138, 98, 60)  
}
```

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(138, 98, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 98, 60) }
```

Border

The CSS property to change the border of an element to XYZ 15.6645, 14.4649, 6.2414 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(138, 98, 60) }
```


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

```
.border{ border-color:rgb(138, 98, 60) }
```

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

Here you see how a box with a 4 pixel rgb(138, 98, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 98, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 98, 60);  
box-shadow:4px 4px 4px 4px rgb(138, 98,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6645, 14.4649, 6.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 98, 60) }
```

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

```
.background{ background-color: rgb(138, 98,  
60) }
```

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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