

Converting Colors

XYZ(15.3606, 14.3290, 11.6290)

Have a look what the booklet for
XYZ(15.3606, 14.3290, 11.6290)
contains.

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Color

**XYZ(15.3606, 14.3290,
11.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	81635A
RGB	129, 99, 90
RGB Percent	51%, 39%, 35%
CMY	0.4941, 0.6118, 0.6471
CMYK	0.00, 0.23, 0.30, 0.49
HSL	14°, 18%, 43%
HSV	14°, 30%, 51%
XYZ	15.3606, 14.3290, 11.6290
YIQ	106.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

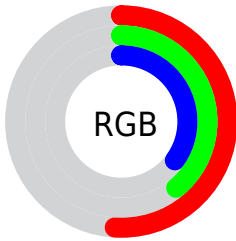
Format	Color
R_{YB}	129, 102, 90
Decimal	8479578
CIE _{Lab}	44.70, 10.71, 9.77
CIE _{LCh}	45, 14.492, 42.370
Yxy	14.3290, 0.3718, 0.3468
Android (android.graphics.Color)	4286669658 (0xFF81635A)
YUV	106.9440, -8.3534, 19.3431
Hunter-Lab	37.8537, 6.1894, 8.2831

Details

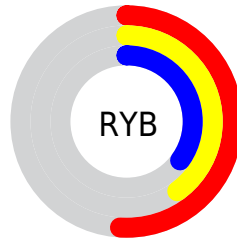
The XYZ color **15.3606, 14.3290, 11.6290** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8952, 17.1911, 23.3022**, and the grayscale version is **13.9783, 14.7063, 16.0151**.

A 20% lighter version of the original color is **35.1684, 33.7734, 29.4763**, and **4.9071, 4.3001, 2.9542** is the 20% darker color. If you saturate the color by 10%, you get **13.9756, 12.3627, 8.6895**, and if you desaturate by 10%, it is **16.9572, 16.5658, 15.1096**.

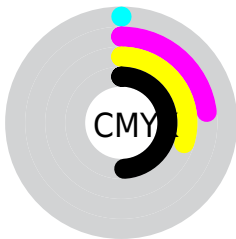
Distribution



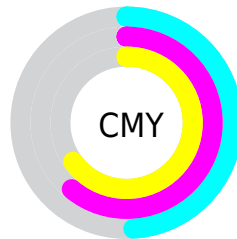
- Red (51%)
- Green (39%)
- Blue (35%)



- Red (51%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3606, 14.3290, 11.6290 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 15.3606, 14.3290, 11.6290 by changing the saturation by 10% instead.

■ 15.3606, 14.3290,
11.6290

■ 15.3606, 14.3290,
11.6290

218.8839,
219.2681, 212.8235

■ 9.1608, 8.3498,
6.3721

■ 35.0510, 33.6717,
29.4718

■ 4.9042, 4.3196,
3.0002

■ 49.2724, 47.8040,
42.8948

■ 2.2253, 1.8539,
1.0948

■ 66.8983, 65.4227,
59.8769

■ 0.7560, 0.5204,
0.0000

■ 88.2942, 86.9124,
80.8368

■ 0.0000, 0.0000,
0.0000

113.8253,
112.6574, 106.1928

143.8571,

143.0421, 136.3635

178.7548,
178.4508, 171.7676

■ 15.3606, 14.3290,
11.6290

■ 15.3606, 14.3290,
11.6290

■ 13.9756, 12.3627,
8.6895

■ 16.9572, 16.5658,
15.1096

■ 12.7919, 10.6545,
6.2628

■ 18.7729, 19.0809,
19.1558

■ 11.8002, 9.1943,
4.3195

■ 20.8159, 21.8842,
23.7917

■ 10.9899, 7.9701,
2.8269

■ 23.0940, 24.9844,
29.0396

■ 10.3490, 6.9691,
1.7480

■ 25.6144, 28.3901,
34.9208

■ 9.8645, 6.1773,
1.0398

■ 28.3841, 32.1092,
41.4555

■ 9.5120, 5.5845,
0.5766

■ 31.4098, 36.1497,
48.6631

■ 34.6977, 40.5191,
56.5619

■ 38.2543, 45.2245,
65.1699

Harmonies

Analogous

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



15.9515, 14.3290, 14.2542



15.3606, 14.3290, 11.6290



14.3163, 14.3290, 10.2043

Triad

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



15.3606, 14.3290, 11.6290



11.5744, 14.3290, 13.7200



14.1098, 14.3290, 22.8275

Complementary

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



15.3606, 14.3290, 11.6290



14.8952, 17.1911, 23.3022

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.



12.9453, 14.3290, 22.6296



15.3606, 14.3290, 11.6290



11.5262, 14.3290, 17.0318

Square

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



15.3606, 14.3290, 11.6290



12.1504, 14.3290, 11.2866



12.0148, 14.3290, 20.3899



15.2020, 14.3290, 20.8968

Rectangle

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



15.3606, 14.3290, 11.6290



13.5259, 14.3290, 9.9808



12.0148, 14.3290, 20.3899



13.7131, 14.3290, 23.0147

Sweetspot

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



15.3610, 14.3297, 11.6293



33.9726, 34.6583, 35.1025



16.1332, 13.3491, 19.6713



7.5919, 7.7103, 7.7256



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.



15.3610, 14.3297, 11.6293



25.8264, 23.2794, 17.2393



17.3714, 18.3506, 12.2994



4.4021, 4.4930, 4.5553



9.2771, 5.4506, 0.5631



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8952, 17.1911, 23.3022



24.8527, 29.2234, 41.5233



12.8376, 13.0759, 22.6163



4.3649, 4.7239, 5.4950



8.2375, 10.2935, 21.8026



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3606, 14.3290, 11.6290 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 15.3606, 14.3290, 11.6290 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 15.3606, 14.3290, 11.6290

Background



This preview shows how black text looks on a background with the XYZ color 15.3606, 14.3290, 11.6290.



This preview shows how white text looks on a background with the XYZ color 15.3606, 14.3290,

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

15.3606, 14.3290, 11.6290

Protanopia

13.6854, 14.4779, 12.4291

Deuteranopia

14.5806, 14.3616, 11.4548



Tritanopia

16.1335, 14.3742, 15.0209

Trichromacy



Original Color

15.3606, 14.3290, 11.6290

Protanomaly

14.2532, 14.3248, 12.1389

Deuteranomaly

14.9143, 14.3886, 11.4424

Tritanomaly

15.8257, 14.3820, 13.7463

Monochromacy



Original Color

15.3606, 14.3290, 11.6290

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3695, 14.4851, 14.3505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3606, 14.3290, 11.6290 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(129, 99, 90)` looks like.

```
.text, #text, p{  
    color:rgb(129, 99, 90)  
}
```

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(129, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 99, 90) }
```

Border

The CSS property to change the border of an element to XYZ 15.3606, 14.3290, 11.6290 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(129, 99, 90) }
```


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

```
.border{ border-color:rgb(129, 99, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 99, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(129, 99,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3606, 14.3290, 11.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 99, 90) }
```

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

```
.background{ background-color: rgb(129, 99,  
90) }
```

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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