

Converting Colors

XYZ(15.6061, 15.7780, 12.5093)

Have a look what the booklet for
XYZ(15.6061, 15.7780, 12.5093)
contains.

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Color

**XYZ(15.6505, 15.8005,
12.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6C5D
RGB	124, 108, 93
RGB Percent	49%, 42%, 36%
CMY	0.5137, 0.5765, 0.6353
CMYK	0.00, 0.13, 0.25, 0.51
HSL	29°, 14%, 43%
HSV	29°, 25%, 49%
XYZ	15.6505, 15.8005, 12.5809
YIQ	111.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

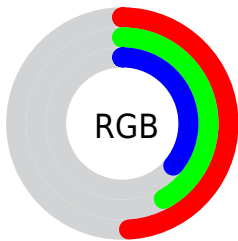
Format	Color
RYB	124, 122, 93
Decimal	8154205
CIELab	46.71, 3.74, 10.71
CIElCh	47, 11.346, 70.737
Yxy	15.8005, 0.3554, 0.3588
Android (android.graphics.Color)	4286344285 (0xFF7C6C5D)
YUV	111.0740, -8.9105, 11.3361
Hunter-Lab	39.7498, 0.7177, 9.0595

Details

The XYZ color **15.6505, 15.8005, 12.5809** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6208, 14.7193, 21.1920**, and the grayscale version is **15.1534, 15.9425, 17.3614**.

A 20% lighter version of the original color is **35.4875, 36.1266, 31.0893**, and **5.0835, 5.0386, 3.3939** is the 20% darker color. If you saturate the color by 10%, you get **14.4950, 14.2983, 9.7023**, and if you desaturate by 10%, it is **16.9454, 17.4388, 15.9459**.

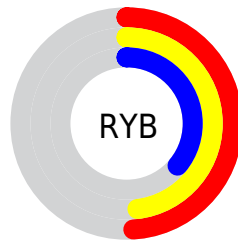
Distribution



Red (49%)

Green (42%)

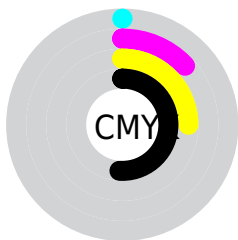
Blue (36%)



Red (49%)

Yellow (48%)

Blue (36%)

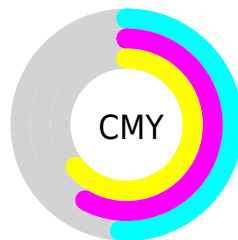


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6505, 15.8005, 12.5809 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 15.6505, 15.8005, 12.5809 by changing the saturation by 10% instead.

■ 15.6505, 15.8005,
12.5809

■ 15.6505, 15.8005,
12.5809

220.5816,
228.1616, 219.3266

■ 9.3665, 9.3831,
7.0133

■ 35.5528, 36.2515,
31.2288

■ 5.0400, 4.9919,
3.3918

■ 49.9017, 51.0539,
45.1462

■ 2.3057, 2.2425,
1.2980

■ 67.6696, 69.4201,
62.6840

■ 0.7976, 0.7430,
0.0602

■ 89.2219, 91.7345,
84.2606

■ 0.0000, 0.0000,
0.0000

114.9238,
118.3814, 110.2946

145.1409,

149.7453, 141.2046

180.2384,
186.2106, 177.4091

■ 15.6505, 15.8005,
12.5809

■ 15.6505, 15.8005,
12.5809

■ 14.4950, 14.2983,
9.7023

■ 16.9454, 17.4388,
15.9459

■ 13.4724, 12.9263,
7.2860

■ 18.3836, 19.2148,
19.8176

■ 12.5774, 11.6812,
5.3077

■ 19.9702, 21.1327,
24.2164

■ 11.8037, 10.5587,
3.7402

■ 21.7097, 23.1958,
29.1615

■ 11.1445, 9.5541,
2.5531

■ 23.6065, 25.4073,
34.6707

■ 10.5922, 8.6624,
1.7121

■ 25.6646, 27.7704,
40.7615

■ 10.1353, 7.8770,
1.1643

■ 27.8880, 30.2880,
47.4502

■ 9.9286, 7.5179,
0.9278

■ 30.2806, 32.9632,
54.7527

■ 32.8460, 35.7987,
62.6842

Harmonies

Analogous

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



16.4969, 15.8005, 13.9061



15.6505, 15.8005, 12.5809



14.6683, 15.8005, 12.4125

Triad

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



15.6505, 15.8005, 12.5809



13.2354, 15.8005, 18.2329



16.2862, 15.8005, 21.6430

Complementary

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



15.6505, 15.8005, 12.5809



13.6208, 14.7193, 21.1920

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.



15.3730, 15.8005, 23.0929



15.6505, 15.8005, 12.5809



13.6300, 15.8005, 20.9861

Square

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



15.6505, 15.8005, 12.5809



13.3024, 15.8005, 15.4784



14.4026, 15.8005, 22.8402



16.8749, 15.8005, 19.0535

Rectangle

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



15.6505, 15.8005, 12.5809



14.0719, 15.8005, 12.9560



14.4026, 15.8005, 22.8402



16.0054, 15.8005, 22.2919

Sweetspot

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



15.6509, 15.8012, 12.5812



31.7805, 33.1154, 33.3203



14.9879, 13.2185, 16.2343



7.4583, 7.7666, 7.7756



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.6509, 15.8012, 12.5812



26.3506, 26.2669, 19.1436



17.4311, 19.3616, 13.1746



4.1435, 4.3054, 4.2371



10.0907, 7.6374, 0.9423



47.2890, 34.7415, 4.2134

Inverse Universe

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



13.6208, 14.7193, 21.1920



22.1344, 24.0196, 37.0263



12.1124, 11.7024, 20.6892



3.9527, 4.2038, 5.0463



5.5591, 5.2005, 20.0961



25.6615, 23.0956, 95.5752

Previews

White Background



This preview shows how the XYZ color 15.6505, 15.8005, 12.5809 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 15.6505, 15.8005, 12.5809 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

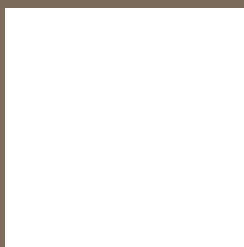
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6505, 15.8005, 12.5809

Background



This preview shows how black text looks on a background with the XYZ color 15.6505, 15.8005, 12.5809.



This preview shows how white text looks on a background with the XYZ color 15.6505, 15.8005,

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

15.6505, 15.8005, 12.5809

Protanopia

15.0409, 15.9589, 12.8773

Deuteranopia

16.1356, 15.8949, 12.5735



Tritanopia

16.6364, 15.7310, 17.7823

Trichromacy



Original Color

15.6505, 15.8005, 12.5809

Protanomaly

15.3420, 15.9531, 12.8603

Deuteranomaly

15.9859, 15.8177, 12.5665

Tritanomaly

16.2130, 15.7086, 15.8132

Monochromacy



Original Color

15.6505, 15.8005, 12.5809

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2771, 15.8643, 15.3536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6505, 15.8005, 12.5809 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(124, 108, 93)` looks like.

```
.text, #text, p{  
    color:rgb(124, 108, 93)  
}
```

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(124, 108, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 108, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.6505, 15.8005, 12.5809 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(124, 108, 93) }
```


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

```
.border{ border-color:rgb(124, 108, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 108, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 108, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 108, 93);  
box-shadow:4px 4px 4px 4px rgb(124, 108,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6505, 15.8005, 12.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 108, 93) }
```

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

```
.background{ background-color: rgb(124,  
108, 93) }
```

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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