

Converting Colors

XYZ(12.2505, 14.8583, 12.3475)

Have a look what the booklet for
XYZ(12.2505, 14.8583, 12.3475)
contains.

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Color

**XYZ(12.2505, 14.8583,
12.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	5C715C
RGB	92, 113, 92
RGB Percent	36%, 44%, 36%
CMY	0.6392, 0.5569, 0.6392
CMYK	0.19, 0.00, 0.19, 0.56
HSL	120°, 10%, 40%
HSV	120°, 19%, 44%
XYZ	12.2505, 14.8583, 12.3475
YIQ	104.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

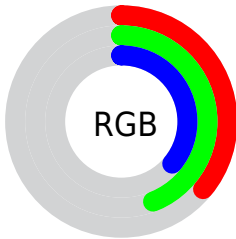
Format	Color
R _Y B	92, 113, 113
Decimal	6058332
CIE Lab	45.44, -12.26, 9.12
CIE LCh	45, 15.282, 143.341
Yxy	14.8583, 0.3105, 0.3766
Android (android.graphics.Color)	4284248412 (0xFF5C715C)
YUV	104.3270, -6.0772, -10.8108
Hunter-Lab	38.5465, -10.7270, 7.9903

Details

The XYZ color **12.2505, 14.8583, 12.3475** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6183, 12.3575, 17.2908**, and the grayscale version is **13.2630, 13.9537, 15.1956**.

A 20% lighter version of the original color is **29.4929, 34.6140, 30.7179**, and **3.5102, 4.5587, 3.2797** is the 20% darker color. If you saturate the color by 10%, you get **10.7471, 14.1366, 9.8882**, and if you desaturate by 10%, it is **13.9968, 15.6976, 15.2035**.

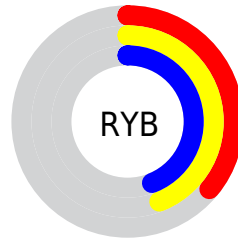
Distribution



Red (36%)

Green (44%)

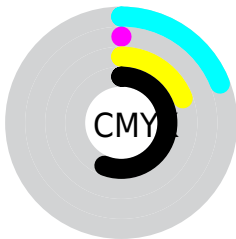
Blue (36%)



Red (36%)

Yellow (44%)

Blue (44%)

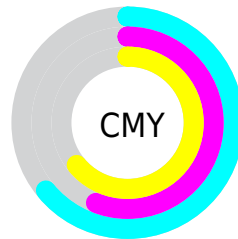


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.2505, 14.8583, 12.3475 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 12.2505, 14.8583, 12.3475 by changing the saturation by 10% instead.

■ 12.2505, 14.8583,
12.3475

■ 12.2505, 14.8583,
12.3475

199.7929,
222.5069, 217.7514

■ 6.9879, 8.7200,
6.8554

■ 29.5634, 34.6044,
30.8003

■ 3.5008, 4.5590,
3.2948

■ 42.3445, 48.9810,
44.5980

■ 1.4238, 1.9909,
1.2470

■ 58.3625, 66.8725,
62.0013

■ 0.2731, 0.6022,
0.0178

■ 77.9827, 88.6632,
83.4289

■ 0.0000, 0.0000,
0.0000

■ 101.5705,
114.7377, 109.2991

129.4912,

145.4802, 140.0305

162.1102,
181.2751, 176.0418

■ 12.2505, 14.8583,
12.3475

■ 12.2505, 14.8583,
12.3475

■ 10.7471, 14.1366,
9.8882

■ 13.9968, 15.6976,
15.2035

■ 9.4748, 13.5254,
7.8071

■ 15.9948, 16.6573,
18.4716

■ 8.4225, 13.0199,
6.0858

■ 18.2545, 17.7428,
22.1675

■ 7.5776, 12.6141,
4.7038

■ 20.7847, 18.9582,
26.3060

■ 6.9265, 12.3014,
3.6388

■ 23.5941, 20.3076,
30.9011

■ 6.4539, 12.0743,
2.8657

■ 26.6907, 21.7951,
35.9660

■ 6.1419, 11.9245,
2.3554

■ 30.0824, 23.4244,
41.5136

■ 5.9342, 11.8247,
2.0157

■ 33.7768, 25.1990,
47.5562

■ 5.9055, 11.8109,
1.9686

■ 37.7811, 27.1224,
54.1057

Harmonies

Analogous

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



13.1757, 14.8583, 10.5633



12.2505, 14.8583, 12.3475



11.8306, 14.8583, 15.3798

Triad

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



12.2505, 14.8583, 12.3475



13.8408, 14.8583, 24.1769



16.4881, 14.8583, 13.5595

Complementary

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



12.2505, 14.8583, 12.3475



13.6183, 12.3575, 17.2908

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.



16.6925, 14.8583, 17.0037



12.2505, 14.8583, 12.3475



15.1133, 14.8583, 23.4961

Square

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



12.2505, 14.8583, 12.3475



12.7124, 14.8583, 22.4702



16.1758, 14.8583, 20.7290



15.6329, 14.8583, 11.1862

Rectangle

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



12.2505, 14.8583, 12.3475



11.8746, 14.8583, 17.8482



16.1758, 14.8583, 20.7290



16.6373, 14.8583, 14.6157

Sweetspot

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



12.2509, 14.8589, 12.3478



25.8882, 28.5045, 28.5737



14.6476, 16.0945, 12.4598



5.9508, 6.5747, 6.5489



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.2509, 14.8589, 12.3478



20.8076, 26.0641, 20.2637



12.7423, 15.0555, 14.9356



3.3451, 3.7632, 3.6234



6.6985, 13.3969, 2.2330



33.3680, 66.7358, 11.1230

Inverse Universe

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



13.6183, 12.3575, 17.2908



23.7040, 20.7657, 30.7337



13.0608, 12.1345, 14.3550



3.5144, 3.4535, 4.2355



11.1057, 5.3346, 18.1642



55.3221, 26.5742, 90.4832

Previews

White Background



This preview shows how the XYZ color 12.2505, 14.8583, 12.3475 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 12.2505, 14.8583, 12.3475 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 12.2505, 14.8583, 12.3475

Background



This preview shows how black text looks on a background with the XYZ color 12.2505, 14.8583, 12.3475.



This preview shows how white text looks on a background with the XYZ color 12.2505, 14.8583,

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

12.2505, 14.8583, 12.3475

Protanopia

13.8709, 14.7474, 11.5666

Deuteranopia

14.8967, 14.6462, 12.6315



Tritanopia

13.5625, 14.7321, 19.2683

Trichromacy



Original Color

12.2505, 14.8583, 12.3475

Protanomaly

13.1398, 14.6787, 11.8136

Deuteranomaly

13.7890, 14.6852, 12.4637

Tritanomaly

13.0556, 14.6889, 16.6151

Monochromacy



Original Color

12.2505, 14.8583, 12.3475

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.8135, 14.1448, 14.1115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.2505, 14.8583, 12.3475 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(92, 113, 92) looks like.

```
.text, #text, p{  
    color:rgb(92, 113, 92)  
}
```

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(92, 113, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 113, 92) }
```

Border

The CSS property to change the border of an element to XYZ 12.2505, 14.8583, 12.3475 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(92, 113, 92) }
```


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

```
.border{ border-color:rgb(92, 113, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 113, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 113, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 113, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 113,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 12.2505, 14.8583, 12.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 113, 92) }
```

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

```
.background{ background-color: rgb(92, 113,  
92) }
```

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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