

Converting Colors

XYZ(14.2785, 12.8218, 12.0935)

Have a look what the booklet for
XYZ(14.2785, 12.8218, 12.0935)
contains.

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Color

**XYZ(14.2604, 12.8046,
12.0759)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5C5D
RGB	125, 92, 93
RGB Percent	49%, 36%, 36%
CMY	0.5098, 0.6392, 0.6353
CMYK	0.00, 0.26, 0.26, 0.51
HSL	358°, 15%, 43%
HSV	358°, 26%, 49%
XYZ	14.2604, 12.8046, 12.0759
YIQ	101.9810, 19.3470, 7.3070

Conversions

Conversions Part 2

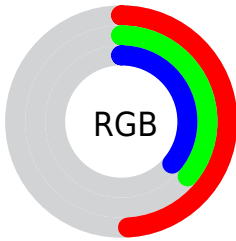
Format	Color
R_{YB}	125, 92, 93
Decimal	8215645
CIE _{Lab}	42.47, 13.67, 4.71
CIE _{LCh}	42, 14.461, 19.027
Yxy	12.8046, 0.3643, 0.3271
Android (android.graphics.Color)	4286405725 (0xFF7D5C5D)
YUV	101.9810, -4.4276, 20.1877
Hunter-Lab	35.7835, 8.5144, 5.0398

Details

The XYZ color **14.2604, 12.8046, 12.0759** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3859, 18.3981, 21.8099**, and the grayscale version is **12.6323, 13.2902, 14.4730**.

A 20% lighter version of the original color is **32.9910, 30.7941, 30.1917**, and **4.3917, 3.6551, 3.1634** is the 20% darker color. If you saturate the color by 10%, you get **12.7706, 10.6171, 9.1370**, and if you desaturate by 10%, it is **16.0148, 15.3847, 15.5233**.

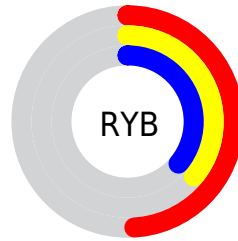
Distribution



Red (49%)

Green (36%)

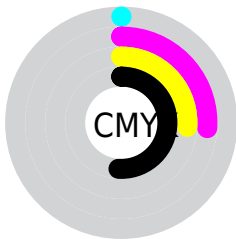
Blue (36%)



Red (49%)

Yellow (36%)

Blue (36%)

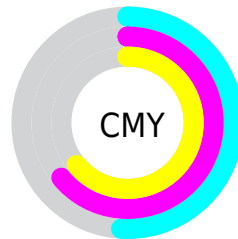


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (51%)



Cyan (51%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2604, 12.8046, 12.0759 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 14.2604, 12.8046, 12.0759 by changing the saturation by 10% instead.

■ 14.2604, 12.8046,
12.0759

■ 14.2604, 12.8046,
12.0759

212.3232,
209.6616, 215.9028

■ 8.3849, 7.2941,
6.6722

■ 33.1328, 30.9523,
30.2997

■ 4.3961, 3.6467,
3.1826

■ 46.8604, 44.3583,
43.9570

■ 1.9286, 1.4780,
1.1886

■ 63.9361, 61.1650,
61.2025

■ 0.5934, 0.2731,
0.0000

■ 84.7252, 81.7566,
82.4548

■ 0.0000, 0.0000,
0.0000

109.5931,
106.5177, 108.1324

138.9052,

135.8327, 138.6539

173.0267,
170.0858, 174.4379

■ 14.2604, 12.8046,
12.0759

■ 14.2604, 12.8046,
12.0759

■ 12.7706, 10.6171,
9.1370

■ 16.0148, 15.3847,
15.5233

■ 11.5315, 8.8013,
6.6818

■ 18.0445, 18.3735,
19.5007

■ 10.5296, 7.3372,
4.6845

■ 20.3611, 21.7882,
24.0295

■ 9.7499, 6.2019,
3.1169

■ 22.9752, 25.6447,
29.1297

■ 9.1753, 5.3700,
1.9474

■ 25.8968, 29.9579,
34.8200

■ 8.7867, 4.8125,
1.1402

■ 29.1354, 34.7421,
41.1187

■ 8.5510, 4.4756,
0.6471

■ 32.7001, 40.0110,
48.0430

■ 8.4782, 4.3683,
0.5048

■ 36.5998, 45.7776,
55.6095

■ 40.8428, 52.0545,
63.8341

Harmonies

Analogous

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



14.3452, 12.8046, 15.1156



14.2604, 12.8046, 12.0759



13.5965, 12.8046, 9.8847

Triad

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



14.2604, 12.8046, 12.0759



10.6561, 12.8046, 10.3662



11.7760, 12.8046, 20.7011

Complementary

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



14.2604, 12.8046, 12.0759



15.3859, 18.3981, 21.8099

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.



10.8477, 12.8046, 18.9807



14.2604, 12.8046, 12.0759



10.2273, 12.8046, 12.8309

Square

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



14.2604, 12.8046, 12.0759



11.5000, 12.8046, 9.0042



10.2953, 12.8046, 15.9911



12.8663, 12.8046, 20.4184

Rectangle

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



14.2604, 12.8046, 12.0759



12.9358, 12.8046, 9.0563



10.2953, 12.8046, 15.9911



11.4358, 12.8046, 20.3287

Sweetspot

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



14.2607, 12.8052, 12.0762



31.6231, 31.8857, 33.5700



15.8269, 13.4132, 21.1570



7.0820, 7.0893, 7.4185



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.



14.2607, 12.8052, 12.0762



23.7827, 20.3536, 18.1669



15.6891, 15.7322, 12.3357



4.3326, 4.3462, 4.5561



8.8482, 4.5590, 0.5243



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2607, 12.8052, 12.0762



23.7827, 20.3536, 18.1669



13.6487, 14.8223, 21.5438



4.3326, 4.3462, 4.5561



8.8482, 4.5590, 0.5243



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2604, 12.8046, 12.0759 looks on a white background.

Color Contrast Check

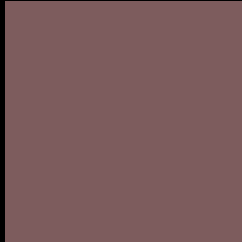
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2604, 12.8046, 12.0759 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

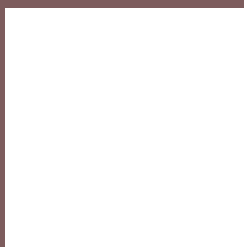
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2604, 12.8046, 12.0759

Background



This preview shows how black text looks on a background with the XYZ color 14.2604, 12.8046, 12.0759.



This preview shows how white text looks on a background with the XYZ color 14.2604, 12.8046,

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

14.2604, 12.8046, 12.0759

Protanopia

12.3084, 12.8610, 13.1430

Deuteranopia

13.0165, 12.8328, 11.9161



Tritanopia

14.5499, 12.7996, 13.2590

Trichromacy



Original Color

14.2604, 12.8046, 12.0759

Protanomaly

12.9416, 12.7734, 12.8498

Deuteranomaly

13.3601, 12.7390, 11.8799

Tritanomaly

14.4566, 12.7623, 12.7678

Monochromacy



Original Color

14.2604, 12.8046, 12.0759

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0502, 12.9512, 13.6164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2604, 12.8046, 12.0759 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(125, 92, 93)` looks like.

```
.text, #text, p{  
    color:rgb(125, 92, 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(125, 92, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 92, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.2604, 12.8046, 12.0759 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(125, 92, 93) }
```


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

```
.border{ border-color:rgb(125, 92, 93) }
```

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

Here you see how a box with a 4 pixel rgb(125, 92, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 92, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 92, 93);  
box-shadow:4px 4px 4px 4px rgb(125, 92,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2604, 12.8046, 12.0759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 92, 93) }
```

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

```
.background{ background-color: rgb(125, 92,  
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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