

Converting Colors

XYZ(14.6564, 12.1654, 12.1964)

Have a look what the booklet for
XYZ(14.6564, 12.1654, 12.1964)
contains.

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Color

**XYZ(14.6290, 12.1304,
12.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	83555E
RGB	131, 85, 94
RGB Percent	51%, 33%, 37%
CMY	0.4863, 0.6667, 0.6314
CMYK	0.00, 0.35, 0.28, 0.49
HSL	348°, 21%, 42%
HSV	348°, 35%, 51%
XYZ	14.6290, 12.1304, 12.1601
YIQ	99.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

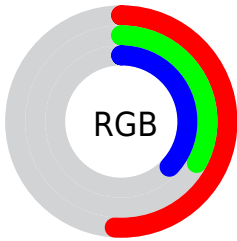
Format	Color
R _Y B	131, 85, 94
Decimal	8607070
CIE Lab	41.42, 20.44, 2.69
CIE LCh	41, 20.620, 7.498
Yxy	12.1304, 0.3759, 0.3117
Android (android.graphics.Color)	4286797150 (0xFF83555E)
YUV	99.7800, -2.8495, 27.3799
Hunter-Lab	34.8287, 14.0245, 3.6796

Details

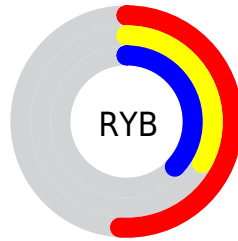
The XYZ color **14.6290, 12.1304, 12.1601** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3760, 19.5694, 21.3801**, and the grayscale version is **12.0600, 12.6881, 13.8173**.

A 20% lighter version of the original color is **33.7056, 29.6559, 30.3332**, and **4.5673, 3.3699, 3.2060** is the 20% darker color. If you saturate the color by 10%, you get **13.2506, 10.0792, 9.5248**, and if you desaturate by 10%, it is **16.2636, 14.5905, 15.1996**.

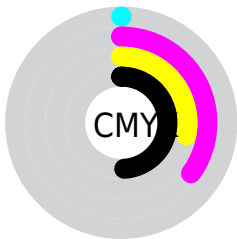
Distribution



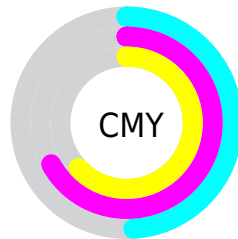
- Red (51%)
- Green (33%)
- Blue (37%)



- Red (51%)
- Yellow (33%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6290, 12.1304, 12.1601 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 14.6290, 12.1304, 12.1601 by changing the saturation by 10% instead.

■ 14.6290, 12.1304,
12.1601

■ 14.6290, 12.1304,
12.1601

214.5427,
205.2667, 216.4777

■ 8.6440, 6.8325,
6.7289

■ 33.7780, 29.7324,
30.4551

■ 4.5650, 3.3576,
3.2173

■ 47.6728, 42.8053,
44.1560

■ 2.0265, 1.3212,
1.2066

■ 64.9349, 59.2387,
61.4507

■ 0.6488, 0.1575,
0.0000

■ 85.9297, 79.4170,
82.7575

■ 0.0000, 0.0000,
0.0000

■ 111.0225,
103.7245, 108.4951

140.5787,

132.5457, 139.0819

174.9637,
166.2650, 174.9366

■ 14.6290, 12.1304,
12.1601

■ 14.6290, 12.1304,
12.1601

■ 13.2506, 10.0792,
9.5248

■ 16.2636, 14.5905,
15.1996

■ 12.1142, 8.4131,
7.2759

■ 18.1657, 17.4781,
18.6587

■ 11.2058, 7.1083,
5.3949


■ 20.3469, 20.8131,
22.5530


■ 10.5096, 6.1377,
3.8620


■ 22.8179, 24.6134,
26.8970


■ 10.0074, 5.4706,
2.6551


■ 25.5890, 28.8958,
31.7044


 9.6741, 5.0621,
1.7481

 28.6699, 33.6766,
36.9886

 9.5425, 4.8983,
1.3980

 32.0696, 38.9709,
42.7621

 35.7972, 44.7936,
49.0372

 39.8611, 51.1588,
55.8258

Harmonies

Analogous

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



14.4019, 12.1304, 16.6249



14.6290, 12.1304, 12.1601



13.9702, 12.1304, 8.7943

Triad

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



14.6290, 12.1304, 12.1601



9.8629, 12.1304, 7.6828



10.4615, 12.1304, 22.3934

Complementary

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



14.6290, 12.1304, 12.1601



15.3760, 19.5694, 21.3801

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.



9.3912, 12.1304, 18.8954



14.6290, 12.1304, 12.1601



9.0670, 12.1304, 10.2946

Square

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



14.6290, 12.1304, 12.1601



11.1577, 12.1304, 6.5991



8.9021, 12.1304, 14.3143



11.9097, 12.1304, 23.1959

Rectangle

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



14.6290, 12.1304, 12.1601



13.1483, 12.1304, 7.3989



8.9021, 12.1304, 14.3143



10.0495, 12.1304, 21.4621

Sweetspot

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



14.6293, 12.1310, 12.1603



33.9775, 33.5072, 36.0107



15.3434, 12.2592, 23.0306



7.8098, 7.6472, 8.2035



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.6293, 12.1310, 12.1603



24.2205, 18.7776, 18.0090



15.4431, 14.3675, 10.5542



4.7071, 4.7025, 5.0698



9.3938, 4.8219, 1.3804



0.0347, 0.0175, 0.0159

Inverse Universe

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



14.6293, 12.1310, 12.1603



24.2205, 18.7776, 18.0090



14.2281, 16.3397, 23.8770



4.7071, 4.7025, 5.0698



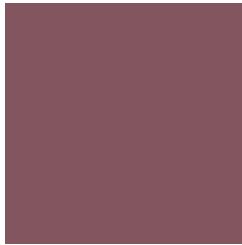
9.3938, 4.8219, 1.3804



0.0347, 0.0175, 0.0159

Previews

White Background



This preview shows how the XYZ color 14.6290, 12.1304, 12.1601 looks on a white background.

Color Contrast Check

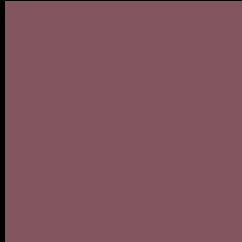
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6290, 12.1304, 12.1601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

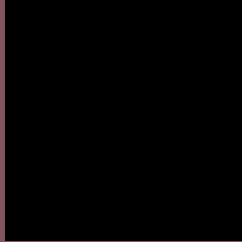
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6290, 12.1304, 12.1601

Background



This preview shows how black text looks on a background with the XYZ color 14.6290, 12.1304, 12.1601.



This preview shows how white text looks on a background with the XYZ color 14.6290, 12.1304,

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

14.6290, 12.1304, 12.1601

Protanopia

11.8622, 12.3276, 14.0662

Deuteranopia

12.4544, 12.2721, 11.8376



Tritanopia

14.5403, 12.0950, 11.6934

Trichromacy



Original Color

14.6290, 12.1304, 12.1601

Protanomaly

12.6745, 12.0901, 13.2209

Deuteranomaly

13.1881, 12.1240, 12.0010

Tritanomaly

14.5844, 12.1126, 11.9252

Monochromacy



Original Color

14.6290, 12.1304, 12.1601

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.8524, 12.4458, 13.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6290, 12.1304, 12.1601 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(131, 85, 94)` looks like.

```
.text, #text, p{  
    color:rgb(131, 85, 94)  
}
```

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(131, 85, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 85, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.6290, 12.1304, 12.1601 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(131, 85, 94) }
```


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

```
.border{ border-color:rgb(131, 85, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 85, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 85, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 85, 94);  
box-shadow:4px 4px 4px 4px rgb(131, 85,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6290, 12.1304, 12.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 85, 94) }
```

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

```
.background{ background-color: rgb(131, 85,  
94) }
```

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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