

Converting Colors

XYZ(12.9113, 15.4361, 14.9534)

Have a look what the booklet for
XYZ(12.9113, 15.4361, 14.9534)
contains.

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Color

**XYZ(12.9426, 15.4961,
14.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7366
RGB	92, 115, 102
RGB Percent	36%, 45%, 40%
CMY	0.6392, 0.5490, 0.6000
CMYK	0.20, 0.00, 0.11, 0.55
HSL	146°, 11%, 41%
HSV	146°, 20%, 45%
XYZ	12.9426, 15.4961, 14.8793
YIQ	106.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

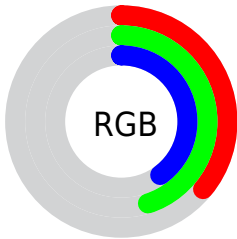
Format	Color
RYB	92, 108, 115
Decimal	6058854
CIELab	46.31, -11.33, 4.41
CIElCh	46, 12.154, 158.731
Yxy	15.4961, 0.2988, 0.3577
Android (android.graphics.Color)	4284248934 (0xFF5C7366)
YUV	106.6410, -2.2880, -12.8402
Hunter-Lab	39.3651, -10.2010, 5.1450

Details

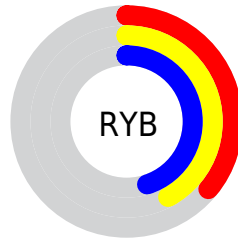
The XYZ color **12.9426, 15.4961, 14.8793** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4477, 12.3193, 15.0342**, and the grayscale version is **13.8842, 14.6072, 15.9073**.

A 20% lighter version of the original color is **30.8962, 35.7770, 35.4142**, and **3.8235, 4.8710, 4.3531** is the 20% darker color. If you saturate the color by 10%, you get **11.5701, 14.8248, 13.1979**, and if you desaturate by 10%, it is **14.5157, 16.2688, 16.7028**.

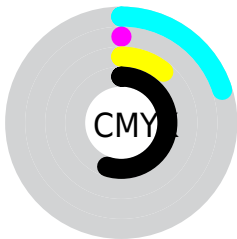
Distribution



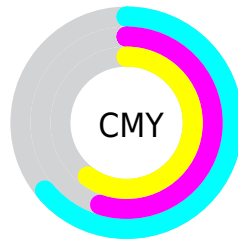
- Red (36%)
- Green (45%)
- Blue (40%)



- Red (36%)
- Yellow (42%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.9426, 15.4961, 14.8793 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 12.9426, 15.4961, 14.8793 by changing the saturation by 10% instead.

■ 12.9426, 15.4961,
14.8793

■ 12.9426, 15.4961,
14.8793

204.1945,
226.3497, 234.2500

■ 7.4658, 9.1683,
8.5890

■ 30.8028, 35.7212,
35.3806

■ 3.8040, 4.8511,
4.3810

■ 43.9169, 50.3872,
50.4287

■ 1.5918, 2.1602,
1.8366

■ 60.3074, 68.6015,
69.2332

■ 0.3871, 0.6981,
0.4519

■ 80.3398, 90.7483,
92.2126

■ 0.0000, 0.0000,
0.0000

104.3793,
117.2122, 119.7854

132.7914,

148.3774, 152.3703

165.9413,
184.6285, 190.3856

■ 12.9426, 15.4961,
14.8793

■ 12.9426, 15.4961,
14.8793

■ 11.5701, 14.8248,
13.1979

■ 14.5157, 16.2688,
16.7028

■ 10.3885, 14.2486,
11.6540

■ 16.2960, 17.1448,
18.6705

■ 9.3891, 13.7635,
10.2446

■ 18.2914, 18.1287,
20.7861

■ 8.5622, 13.3647,
8.9658

■ 20.5089, 19.2241,
23.0525

■ 7.8971, 13.0466,
7.8139

■ 22.9554, 20.4342,
25.4728

■ 7.3815, 12.8031,
6.7847

■ 25.6373, 21.7625,
28.0498

■ 7.0018, 12.6271,
5.8739

■ 28.5608, 23.2121,
30.7863

■ 6.7068, 12.4924,
5.0754

■ 31.7318, 24.7860,
33.6851

■ 35.1562, 26.4870,
36.7488

Harmonies

Analogous

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



13.5125, 15.4961, 12.7878



12.9426, 15.4961, 14.8793



12.8392, 15.4961, 17.7570

Triad

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



12.9426, 15.4961, 14.8793



15.0342, 15.4961, 23.1897



16.3442, 15.4961, 13.5372

Complementary

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



12.9426, 15.4961, 14.8793



13.4477, 12.3193, 15.0342

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.



16.7948, 15.4961, 16.0181



12.9426, 15.4961, 14.8793



16.0155, 15.4961, 21.7460

Square

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



12.9426, 15.4961, 14.8793



14.0150, 15.4961, 22.7919



16.6717, 15.4961, 19.0365



15.4659, 15.4961, 12.0787

Rectangle

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



12.9426, 15.4961, 14.8793



13.0438, 15.4961, 19.7780



16.6717, 15.4961, 19.0365



16.5526, 15.4961, 14.2667

Sweetspot

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



12.9430, 15.4967, 14.8796



27.1726, 29.7115, 31.2316



13.8926, 16.0402, 12.4891



6.4466, 7.0705, 7.4109



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



12.9430, 15.4967, 14.8796



21.9943, 27.1698, 25.2185



13.5518, 15.7403, 18.0856



3.7006, 4.1222, 4.2573



7.6563, 14.2765, 5.7464



36.8960, 69.4057, 25.8212

Inverse Universe

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



13.4477, 12.3193, 15.0342



23.0723, 20.3810, 25.5479



12.8973, 12.0992, 12.1359



3.7625, 3.7323, 4.2763



9.1627, 4.5988, 6.0650



44.2149, 22.2361, 27.2589

Previews

White Background



This preview shows how the XYZ color 12.9426, 15.4961, 14.8793 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 12.9426, 15.4961, 14.8793 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

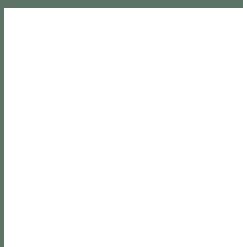
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.9426, 15.4961, 14.8793

Background



This preview shows how black text looks on a background with the XYZ color 12.9426, 15.4961, 14.8793.



This preview shows how white text looks on a background with the XYZ color 12.9426, 15.4961,

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

12.9426, 15.4961, 14.8793

Protanopia

14.6602, 15.4155, 14.0072

Deuteranopia

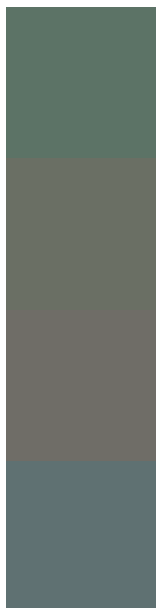
15.6788, 15.4451, 15.2515



Tritanopia

14.0692, 15.4556, 20.3309

Trichromacy



Original Color

12.9426, 15.4961, 14.8793

Protanomaly

13.9285, 15.3532, 14.2859

Deuteranomaly

14.4724, 15.2961, 15.0216

Tritanomaly

13.6617, 15.4581, 18.1832

Monochromacy



Original Color

12.9426, 15.4961, 14.8793

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.6052, 14.9966, 15.5422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.9426, 15.4961, 14.8793 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, 115, 102) looks like.

```
.text, #text, p{  
    color:rgb(92, 115, 102)  
}
```

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, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 115, 102) }
```

Border

The CSS property to change the border of an element to XYZ 12.9426, 15.4961, 14.8793 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, 115, 102) }
```


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

```
.border{ border-color:rgb(92, 115, 102) }
```

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

Here you see how a box with a 4 pixel rgb(92, 115, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(92, 115,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 12.9426, 15.4961, 14.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 115, 102) }
```

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

```
.background{ background-color: rgb(92, 115,  
102) }
```

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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