

Converting Colors

XYZ(12.9565, 15.3342, 14.7766)

Have a look what the booklet for
XYZ(12.9565, 15.3342, 14.7766)
contains.

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Color

**XYZ(12.9298, 15.3211,
14.8462)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7266
RGB	93, 114, 102
RGB Percent	36%, 45%, 40%
CMY	0.6353, 0.5529, 0.6000
CMYK	0.18, 0.00, 0.11, 0.55
HSL	146°, 10%, 41%
HSV	146°, 18%, 45%
XYZ	12.9298, 15.3211, 14.8462
YIQ	106.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

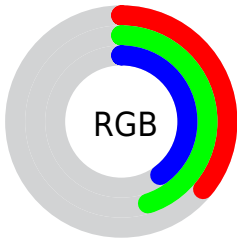
Format	Color
R_{YB}	93, 108, 114
Decimal	6124134
CIE _{Lab}	46.07, -10.40, 4.08
CIE _{LCh}	46, 11.168, 158.575
Yxy	15.3211, 0.3000, 0.3555
Android (android.graphics.Color)	4284314214 (0xFF5D7266)
YUV	106.3530, -2.1460, -11.7106
Hunter-Lab	39.1422, -9.5351, 4.9115

Details

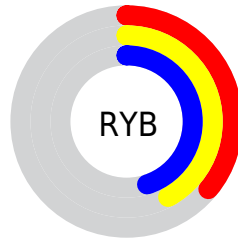
The XYZ color **12.9298, 15.3211, 14.8462** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4041, 12.4264, 15.0573**, and the grayscale version is **13.8043, 14.5232, 15.8157**.

A 20% lighter version of the original color is **30.8876, 35.5016, 35.3615**, and **3.8101, 4.7766, 4.3356** is the 20% darker color. If you saturate the color by 10%, you get **11.5504, 14.6463, 13.1610**, and if you desaturate by 10%, it is **14.5075, 16.0961, 16.6739**.

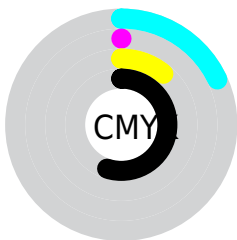
Distribution



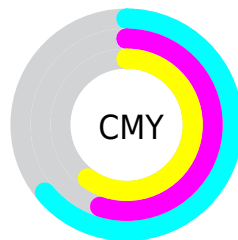
- Red (36%)
- Green (45%)
- Blue (40%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.9298, 15.3211, 14.8462 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 12.9298, 15.3211, 14.8462 by changing the saturation by 10% instead.

■ 12.9298, 15.3211,
14.8462

■ 12.9298, 15.3211,
14.8462

204.1140,
225.3016, 234.0420

■ 7.4569, 9.0451,
8.5661

■ 30.7800, 35.4155,
35.3216

■ 3.7983, 4.7706,
4.3663

■ 43.8880, 50.0027,
50.3540

■ 1.5887, 2.1133,
1.8284

■ 60.2717, 68.1290,
69.1409

■ 0.3850, 0.6721,
0.4466

■ 80.2966, 90.1788,
92.1009

■ 0.0000, 0.0000,
0.0000

104.3279,
116.5366, 119.6524

132.7309,

147.5867, 152.2141

165.8712,
183.7136, 190.2045

■ 12.9298, 15.3211,
14.8462

■ 12.9298, 15.3211,
14.8462

■ 11.5504, 14.6463,
13.1610

■ 14.5075, 16.0961,
16.6739

■ 10.3599, 14.0656,
11.6138

■ 16.2900, 16.9731,
18.6464

■ 9.3498, 13.5751,
10.2015

■ 18.2848, 17.9566,
20.7672

■ 8.5109, 13.1701,
8.9204

■ 20.4990, 19.0501,
23.0394

■ 7.8326, 12.8453,
7.7666

■ 22.9390, 20.2568,
25.4660

■ 7.3035, 12.5947,
6.7359

■ 25.6112, 21.5799,
28.0497

■ 6.9101, 12.4117,
5.8241

■ 28.5216, 23.0226,
30.7936

■ 6.6133, 12.2761,
5.0254

■ 31.6761, 24.5877,
33.7003

■ 6.5689, 12.2557,
4.9091

■ 35.0803, 26.2781,
36.7724

Harmonies

Analogous

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



13.4545, 15.3211, 12.9232



12.9298, 15.3211, 14.8462



12.8325, 15.3211, 17.4730

Triad

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



12.9298, 15.3211, 14.8462



14.8359, 15.3211, 22.3974



16.0349, 15.3211, 13.6329

Complementary

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



12.9298, 15.3211, 14.8462



13.4041, 12.4264, 15.0573

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.



16.4409, 15.3211, 15.9154



12.9298, 15.3211, 14.8462



15.7292, 15.3211, 21.1071

Square

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



12.9298, 15.3211, 14.8462



13.9062, 15.3211, 22.0313



16.3266, 15.3211, 18.6634



15.2386, 15.3211, 12.2774

Rectangle

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



12.9298, 15.3211, 14.8462



13.0188, 15.3211, 19.3069



16.3266, 15.3211, 18.6634



16.2231, 15.3211, 14.3067

Sweetspot

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



12.9302, 15.3217, 14.8465



26.1710, 28.6176, 30.0631



13.8488, 15.8441, 12.6844



6.0207, 6.6027, 6.9170



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.



12.9302, 15.3217, 14.8465



21.6750, 26.4110, 24.8311



13.4706, 15.5379, 17.6922



3.3989, 3.7848, 3.9068



7.3040, 13.6391, 5.4215



35.9694, 67.7764, 24.8221

Inverse Universe

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



13.4041, 12.4264, 15.0573



22.6668, 20.3508, 25.2716



12.9085, 12.2281, 12.4472



3.4569, 3.4305, 3.9326



8.7833, 4.4057, 5.9349



43.3151, 21.7714, 27.2553

Previews

White Background



This preview shows how the XYZ color 12.9298, 15.3211, 14.8462 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 12.9298, 15.3211, 14.8462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

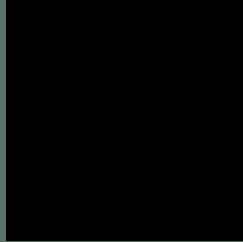
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.9298, 15.3211, 14.8462

Background



This preview shows how black text looks on a background with the XYZ color 12.9298, 15.3211, 14.8462.



This preview shows how white text looks on a background with the XYZ color 12.9298, 15.3211,

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

12.9298, 15.3211, 14.8462

Protanopia

14.4247, 15.1367, 13.9658

Deuteranopia

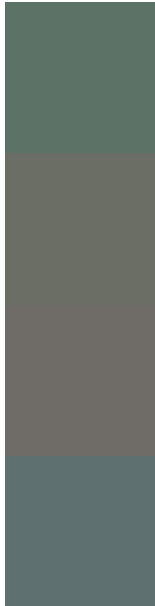
15.4354, 15.1676, 15.2108



Tritanopia

13.8985, 15.2117, 19.9729

Trichromacy



Original Color

12.9298, 15.3211, 14.8462

Protanomaly

13.8200, 15.1361, 14.2498

Deuteranomaly

14.3663, 15.0839, 14.9863

Tritanomaly

13.4941, 15.2135, 17.8481

Monochromacy



Original Color

12.9298, 15.3211, 14.8462

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.3853, 14.7239, 15.5011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.9298, 15.3211, 14.8462 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(93, 114, 102) looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 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(93, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 102) }
```

Border

The CSS property to change the border of an element to XYZ 12.9298, 15.3211, 14.8462 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(93, 114, 102) }
```


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

```
.border{ border-color:rgb(93, 114, 102) }
```

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

Here you see how a box with a 4 pixel rgb(93, 114, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 12.9298, 15.3211, 14.8462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 102) }
```

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

```
.background{ background-color: rgb(93, 114,  
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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