

Converting Colors

XYZ(14.6271, 18.2587, 12.0976)

Have a look what the booklet for
XYZ(14.6271, 18.2587, 12.0976)
contains.

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Color

**XYZ(14.6163, 18.2133,
12.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	667D59
RGB	102, 125, 89
RGB Percent	40%, 49%, 35%
CMY	0.6000, 0.5098, 0.6510
CMYK	0.18, 0.00, 0.29, 0.51
HSL	98°, 17%, 42%
HSV	98°, 29%, 49%
XYZ	14.6163, 18.2133, 12.1963
YIQ	114.0190, -2.1520, -16.0720

Conversions

Conversions Part 2

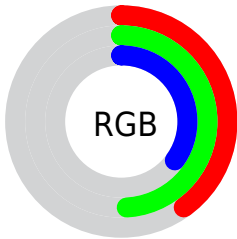
Format	Color
R_{YB}	89, 125, 112
Decimal	6716761
CIE Lab	49.75, -15.54, 16.96
CIE LCh	50, 23.005, 132.507
Yxy	18.2133, 0.3246, 0.4045
Android (android.graphics.Color)	4284906841 (0xFF667D59)
YUV	114.0190, -12.3344, -10.5407
Hunter-Lab	42.6770, -13.5510, 12.9300

Details

The XYZ color **14.6163, 18.2133, 12.1963** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.9568, 12.0706, 20.9973**, and the grayscale version is **16.0366, 16.8718, 18.3734**.

A 20% lighter version of the original color is **33.7175, 40.4772, 30.4619**, and **4.5418, 6.1276, 3.2289** is the 20% darker color. If you saturate the color by 10%, you get **13.2735, 17.5772, 9.6223**, and if you desaturate by 10%, it is **16.1364, 18.9316, 15.2448**.

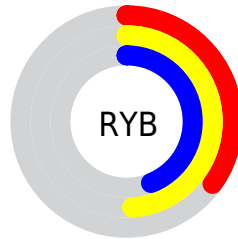
Distribution



Red (40%)

Green (49%)

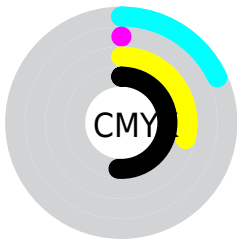
Blue (35%)



Red (35%)

Yellow (49%)

Blue (44%)

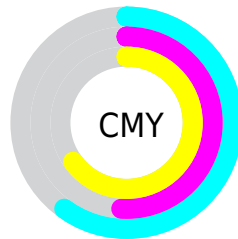


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6163, 18.2133, 12.1963 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 14.6163, 18.2133, 12.1963 by changing the saturation by 10% instead.

■ 14.6163, 18.2133,
12.1963

■ 14.6163, 18.2133,
12.1963

214.4666,
242.0706, 216.7244

■ 8.6351, 11.1032,
6.7534

■ 33.7558, 40.4004,
30.5219

■ 4.5591, 6.1363,
3.2322

■ 47.6449, 56.2463,
44.2415

■ 2.0231, 2.9281,
1.2144

■ 64.9006, 75.7729,
61.5572

■ 0.6469, 1.0943,
0.0000

■ 85.8884, 99.3646,
82.8874

■ 0.0000, 0.0000,
0.0000

■ 110.9735,
127.4059, 108.6507

140.5213,

160.2810, 139.2656

174.8973,
198.3744, 175.1506

■ 14.6163, 18.2133,
12.1963

■ 14.6163, 18.2133,
12.1963

■ 13.2735, 17.5772,
9.6223

■ 16.1364, 18.9316,
15.2448

■ 12.0997, 17.0179,
7.4976

■ 17.8390, 19.7327,
18.7886

■ 11.0878, 16.5329,
5.7969

■ 19.7307, 20.6200,
22.8490

■ 10.2299, 16.1186,
4.4915

■ 21.8175, 21.5961,
27.4455

■ 9.5169, 15.7711,
3.5493

■ 24.1048, 22.6637,
32.5966

■ 8.9389, 15.4862,
2.9334

■ 26.5982, 23.8249,
38.3201

■ 8.4732, 15.2543,
2.5408

■ 29.3027, 25.0822,
44.6327

■ 8.4222, 15.2290,
2.4956

■ 32.2233, 26.4378,
51.5507

■ 35.3649, 27.8937,
59.0896

Harmonies

Analogous

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



16.4143, 18.2133, 10.2258



14.6163, 18.2133, 12.1963



13.5940, 18.2133, 16.4191

Triad

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



14.6163, 18.2133, 12.1963



16.0747, 18.2133, 33.7176



21.7613, 18.2133, 17.3300

Complementary

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



14.6163, 18.2133, 12.1963



13.9568, 12.0706, 20.9973

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.



21.6509, 18.2133, 23.6860



14.6163, 18.2133, 12.1963



18.2402, 18.2133, 34.1064

Square

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



14.6163, 18.2133, 12.1963



14.3859, 18.2133, 29.1579



20.3185, 18.2133, 30.1288



20.6084, 18.2133, 12.7413

Rectangle

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



14.6163, 18.2133, 12.1963



13.4321, 18.2133, 20.3639



20.3185, 18.2133, 30.1288



21.8733, 18.2133, 19.3078

Sweetspot

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



14.6168, 18.2141, 12.1967



31.8100, 35.2718, 33.3615



16.0335, 16.6262, 11.8155



7.1472, 7.9815, 7.4020



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.



14.6168, 18.2141, 12.1967



24.4469, 31.7972, 18.5065



13.4654, 17.5965, 13.2297



4.4113, 4.8884, 4.6312



8.7825, 15.8899, 2.6042



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9568, 12.0706, 20.9973



23.0453, 18.7779, 37.1542



15.4328, 12.8661, 19.5039



4.3522, 4.3372, 5.4210



7.2965, 3.3152, 20.5053



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6163, 18.2133, 12.1963 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 14.6163, 18.2133, 12.1963 looks on a black 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

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

XYZ 14.6163, 18.2133, 12.1963

Background



This preview shows how black text looks on a background with the XYZ color 14.6163, 18.2133, 12.1963.



This preview shows how white text looks on a background with the XYZ color 14.6163, 18.2133,

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

14.6163, 18.2133, 12.1963

Protanopia

16.9105, 18.1408, 11.4143

Deuteranopia

18.2747, 17.9689, 12.4027



Tritanopia

16.8633, 18.2061, 23.3942

Trichromacy



Original Color

14.6163, 18.2133, 12.1963

Protanomaly

16.0289, 18.2144, 11.6877

Deuteranomaly

16.6642, 17.8207, 12.2343

Tritanomaly

15.9407, 18.1981, 18.5920

Monochromacy



Original Color

14.6163, 18.2133, 12.1963

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4586, 17.2918, 15.8875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6163, 18.2133, 12.1963 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(102, 125, 89)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 89)  
}
```

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(102, 125, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 89) }
```

Border

The CSS property to change the border of an element to XYZ 14.6163, 18.2133, 12.1963 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(102, 125, 89) }
```


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

```
.border{ border-color:rgb(102, 125, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 125, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 89);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6163, 18.2133, 12.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 89) }
```

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

```
.background{ background-color: rgb(102,  
125, 89) }
```

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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