

Converting Colors

XYZ(10.5007, 15.0503, 13.0611)

Have a look what the booklet for
XYZ(10.5007, 15.0503, 13.0611)
contains.

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Color

**XYZ(10.4660, 14.9497,
13.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	3B775F
RGB	59, 119, 95
RGB Percent	23%, 47%, 37%
CMY	0.7686, 0.5333, 0.6274
CMYK	0.50, 0.00, 0.20, 0.53
HSL	156°, 34%, 35%
HSV	156°, 50%, 47%
XYZ	10.4660, 14.9497, 13.1604
YIQ	98.3240, -28.0560, -20.1840

Conversions

Conversions Part 2

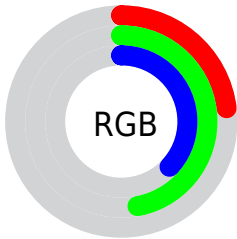
Format	Color
RYB	59, 97, 119
Decimal	3897183
CIELab	45.57, -25.71, 7.26
CIElCh	46, 26.719, 164.231
Yxy	14.9497, 0.2713, 0.3875
Android (android.graphics.Color)	4282087263 (0xFF3B775F)
YUV	98.3240, -1.6387, -34.4871
Hunter-Lab	38.6648, -19.3462, 6.8848

Details

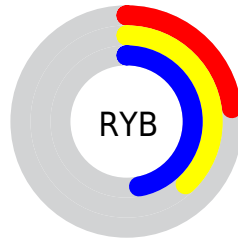
The XYZ color **10.4660, 14.9497, 13.1604** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.7335, 7.6747, 9.0998**, and the grayscale version is **11.6995, 12.3088, 13.4043**.

A 20% lighter version of the original color is **26.2938, 34.8644, 32.1317**, and **2.7571, 4.6085, 3.6500** is the 20% darker color. If you saturate the color by 10%, you get **9.6298, 14.5432, 12.0262**, and if you desaturate by 10%, it is **11.4771, 15.4456, 14.3725**.

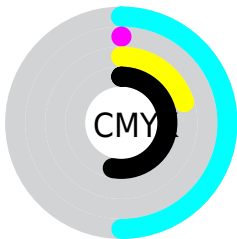
Distribution



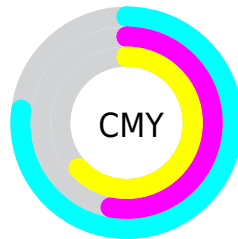
- Red (23%)
- Green (47%)
- Blue (37%)



- Red (23%)
- Yellow (38%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)





- Cyan (77%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.4660, 14.9497, 13.1604 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 10.4660, 14.9497, 13.1604 by changing the saturation by 10% instead.


 10.4660, 14.9497,
13.1604


 10.4660, 14.9497,
13.1604


187.9514,
223.0616, 223.1869

 5.7736, 8.7841,
7.4071


 26.3102, 34.7649,
32.2871


 2.7473, 4.6006,
3.6357

 38.1927, 49.1833,
46.4975


 1.0216, 2.0149,
1.4277

 53.2027, 67.1214,
64.3640

 0.0000, 0.6161,
0.1632

 71.7054, 88.9636,
86.3051

 0.0000, 0.0000,
0.0000

 94.0663, 115.0944,
112.7394

 120.6507,

145.8980, 144.0855

151.8239,
181.7589, 180.7618

■ 10.4660, 14.9497,
13.1604

■ 10.4660, 14.9497,
13.1604

■ 9.6298, 14.5432,
12.0262

■ 11.4771, 15.4456,
14.3725

■ 8.9559, 14.2186,
10.9672

■ 12.6722, 16.0343,
15.6630

■ 8.4321, 13.9698,
9.9817

■ 14.0610, 16.7214,
17.0341

■ 8.0436, 13.7894,
9.0678

■ 15.6524, 17.5113,
18.4872

■ 7.7473, 13.6543,
8.2559

■ 17.4546, 18.4082,
20.0238

■ 19.4754, 19.4161,
21.6453

■ 21.7220, 20.5389,
23.3532

■ 24.2016, 21.7799,
25.1489

■ 26.9208, 23.1428,
27.0335

Harmonies

Analogous

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



11.4206, 14.9497, 8.9630



10.4660, 14.9497, 13.1604



10.4417, 14.9497, 19.4903

Triad

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



10.4660, 14.9497, 13.1604



15.2907, 14.9497, 31.3364



17.5119, 14.9497, 9.1207

Complementary

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



10.4660, 14.9497, 13.1604



10.7335, 7.6747, 9.0998

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.



18.7889, 14.9497, 13.4390



10.4660, 14.9497, 13.1604



17.4184, 14.9497, 26.7697

Square

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



10.4660, 14.9497, 13.1604



13.0744, 14.9497, 31.2044



18.7530, 14.9497, 19.8520



15.4079, 14.9497, 7.0823

Rectangle

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



10.4660, 14.9497, 13.1604



10.9478, 14.9497, 24.2177



18.7530, 14.9497, 19.8520



18.0615, 14.9497, 10.2959

Sweetspot

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



10.4664, 14.9503, 13.1607



26.5680, 30.6313, 31.7947



11.0429, 15.3949, 6.5273



6.1822, 7.2027, 7.4302



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.4664, 14.9503, 13.1607



16.9629, 25.9060, 21.1197



11.1512, 14.2970, 19.6254



3.7242, 4.1316, 4.3817



8.2259, 14.5044, 8.7458



39.6544, 70.5090, 40.3467

Inverse Universe

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



10.7335, 7.6747, 9.0998



17.5083, 11.2185, 12.9520



10.2310, 7.9048, 5.1244



3.7390, 3.7229, 4.1524



8.6364, 4.3883, 3.2934



41.6870, 21.2249, 13.9472

Previews

White Background



This preview shows how the XYZ color 10.4660, 14.9497, 13.1604 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 10.4660, 14.9497, 13.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

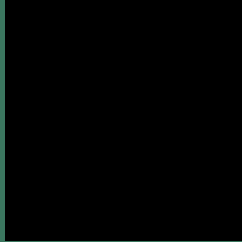
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4660, 14.9497, 13.1604

Background



This preview shows how black text looks on a background with the XYZ color 10.4660, 14.9497, 13.1604.



This preview shows how white text looks on a background with the XYZ color 10.4660, 14.9497,

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

10.4660, 14.9497, 13.1604

Protanopia

13.8709, 14.7474, 11.5666

Deuteranopia

15.0401, 14.8474, 13.6284



Tritanopia

12.0836, 14.9100, 21.3098

Trichromacy



Original Color

10.4660, 14.9497, 13.1604

Protanomaly

12.0870, 14.4514, 12.0499

Deuteranomaly

12.6633, 14.3970, 13.4207

Tritanomaly

11.3404, 14.7730, 17.8766

Monochromacy



Original Color

10.4660, 14.9497, 13.1604

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.9679, 13.0560, 13.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4660, 14.9497, 13.1604 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(59, 119, 95)` looks like.

```
.text, #text, p{  
    color:rgb(59, 119, 95)  
}
```

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(59, 119, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 119, 95) }
```

Border

The CSS property to change the border of an element to XYZ 10.4660, 14.9497, 13.1604 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(59, 119, 95) }
```


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

```
.border{ border-color:rgb(59, 119, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 119, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 119, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 119, 95);  
box-shadow:4px 4px 4px 4px rgb(59, 119,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4660, 14.9497, 13.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 119, 95) }
```

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

```
.background{ background-color: rgb(59, 119,  
95) }
```

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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