

Converting Colors

XYZ(10.4483, 15.1813, 8.2873)

Have a look what the booklet for
XYZ(10.4483, 15.1813, 8.2873)
contains.

XYZ(10.4523, 15.2275, 8.3495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.4523, 15.2275,
8.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	477847
RGB	71, 120, 71
RGB Percent	28%, 47%, 28%
CMY	0.7216, 0.5294, 0.7216
CMYK	0.41, 0.00, 0.41, 0.53
HSL	120°, 26%, 37%
HSV	120°, 41%, 47%
XYZ	10.4523, 15.2275, 8.3495
YIQ	99.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

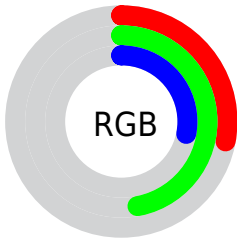
Format	Color
R_{YB}	71, 120, 120
Decimal	4683847
CIE _{Lab}	45.94, -27.45, 21.83
CIE _{LCh}	46, 35.074, 141.507
Yxy	15.2275, 0.3072, 0.4475
Android (android.graphics.Color)	4282873927 (0xFF477847)
YUV	99.7630, -14.1802, -25.2252
Hunter-Lab	39.0224, -20.4774, 14.6296

Details

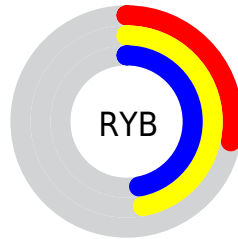
The XYZ color **10.4523, 15.2275, 8.3495** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.3896, 9.8558, 18.9664**, and the grayscale version is **12.0904, 12.7201, 13.8522**.

A 20% lighter version of the original color is **26.3598, 35.3808, 23.2092**, and **2.7490, 4.7405, 1.7474** is the 20% darker color. If you saturate the color by 10%, you get **9.3099, 14.6792, 6.4805**, and if you desaturate by 10%, it is **11.8455, 15.8972, 10.6280**.

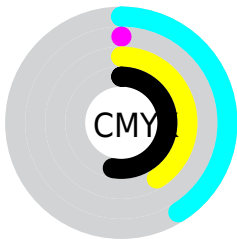
Distribution



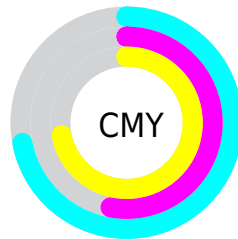
- Red (28%)
- Green (47%)
- Blue (28%)



- Red (28%)
- Yellow (47%)
- Blue (47%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (53%)



- Cyan (72%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4523, 15.2275, 8.3495 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 10.4523, 15.2275, 8.3495 by changing the saturation by 10% instead.

■ 10.4523, 15.2275,
8.3495

■ 10.4523, 15.2275,
8.3495

187.8574,
224.7391, 188.4840

■ 5.7644, 8.9792,
4.2284

■ 26.2849, 35.2518,
23.1982

■ 2.7417, 4.7276,
1.7515

■ 38.1602, 49.7966,
34.7629

■ 1.0187, 2.0884,
0.3957

■ 53.1622, 67.8756,
49.6459

■ 0.0000, 0.6581,
0.0000

■ 71.6560, 89.8734,
68.2657

■ 0.0000, 0.0000,
0.0000

■ 94.0071, 116.1742,
91.0408

120.5808,

147.1625, 118.3899

151.7424,
183.2227, 150.7314

■ 10.4523, 15.2275,
8.3495

■ 10.4523, 15.2275,
8.3495

■ 9.3099, 14.6792,
6.4805

■ 11.8455, 15.8972,
10.6280

■ 8.4022, 14.2432,
4.9958

■ 13.5018, 16.6928,
13.3371

■ 7.7133, 13.9123,
3.8690


■ 15.4342, 17.6210,
16.4979

■ 7.2248, 13.6776,
3.0699


■ 17.6545, 18.6875,
20.1296


■ 6.9152, 13.5289,
2.5635


■ 20.1738, 19.8977,
24.2504

 6.7168, 13.4336,
2.2390

 23.0027, 21.2566,
28.8774

 26.1511, 22.7689,
34.0272

 29.6287, 24.4394,
39.7152

 33.4445, 26.2723,
45.9564

Harmonies

Analogous

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



12.4813, 15.2275, 5.5530



10.4523, 15.2275, 8.3495



9.5332, 15.2275, 14.2827

Triad

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



10.4523, 15.2275, 8.3495



13.6471, 15.2275, 38.5519



20.4549, 15.2275, 11.2836

Complementary

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



10.4523, 15.2275, 8.3495



13.3896, 9.8558, 18.9664

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.



20.8792, 15.2275, 19.1116



10.4523, 15.2275, 8.3495



16.6667, 15.2275, 36.8945

Square

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



10.4523, 15.2275, 8.3495



11.2055, 15.2275, 32.9333



19.4123, 15.2275, 28.9674



18.3216, 15.2275, 6.7996

Rectangle

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



10.4523, 15.2275, 8.3495



9.5727, 15.2275, 20.0570



19.4123, 15.2275, 28.9674



20.8127, 15.2275, 13.5303

Sweetspot

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



10.4527, 15.2281, 8.3498



26.6177, 30.7376, 28.1536



15.6002, 17.8818, 8.5905



6.2252, 7.2447, 6.5364



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.



10.4527, 15.2281, 8.3498



16.4885, 25.8720, 11.5856



11.4037, 15.6086, 13.3580



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6508

Inverse Universe

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



13.3896, 9.8558, 18.9664



22.4058, 15.0479, 32.9757



12.0878, 9.3351, 12.1111



4.1545, 4.0775, 5.0112



12.1484, 5.8355, 19.8701



57.9490, 27.8359, 94.7823

Previews

White Background



This preview shows how the XYZ color 10.4523, 15.2275, 8.3495 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 10.4523, 15.2275, 8.3495 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 10.4523, 15.2275, 8.3495

Background



This preview shows how black text looks on a background with the XYZ color 10.4523, 15.2275, 8.3495.



This preview shows how white text looks on a background with the XYZ color 10.4523, 15.2275,

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

10.4523, 15.2275, 8.3495

Protanopia

13.8171, 14.9700, 7.3155

Deuteranopia

15.2736, 15.0758, 8.7615



Tritanopia

12.9858, 15.2140, 20.9911

Trichromacy



Original Color

10.4523, 15.2275, 8.3495

Protanomaly

12.2044, 14.7724, 7.6770

Deuteranomaly

12.9963, 14.8344, 8.6569

Tritanomaly

11.8046, 15.0680, 15.3830

Monochromacy



Original Color

10.4523, 15.2275, 8.3495

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.1807, 13.3605, 11.4407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4523, 15.2275, 8.3495 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(71, 120, 71)` looks like.

```
.text, #text, p{  
    color:rgb(71, 120, 71)  
}
```

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(71, 120, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 120, 71) }
```

Border

The CSS property to change the border of an element to XYZ 10.4523, 15.2275, 8.3495 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(71, 120, 71) }
```


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

```
.border{ border-color:rgb(71, 120, 71) }
```

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

Here you see how a box with a 4 pixel rgb(71, 120, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 120, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 120, 71);  
box-shadow:4px 4px 4px 4px rgb(71, 120,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4523, 15.2275, 8.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 120, 71) }
```

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

```
.background{ background-color: rgb(71, 120,  
71) }
```

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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