

Converting Colors

XYZ(10.6093, 15.1878, 6.9163)

Have a look what the booklet for
XYZ(10.6093, 15.1878, 6.9163)
contains.

XYZ(10.6082, 15.1612, 6.9247)	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(10.6082, 15.1612,
6.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	4E773E
RGB	78, 119, 62
RGB Percent	31%, 47%, 24%
CMY	0.6941, 0.5333, 0.7569
CMYK	0.34, 0.00, 0.48, 0.53
HSL	103°, 31%, 35%
HSV	103°, 48%, 47%
XYZ	10.6082, 15.1612, 6.9247
YIQ	100.2430, -6.1390, -26.4190

Conversions

Conversions Part 2

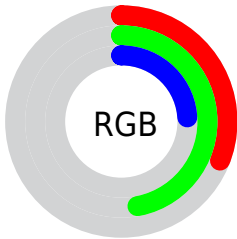
Format	Color
RYB	62, 119, 103
Decimal	5142334
CIELab	45.85, -25.88, 26.81
CIELCh	46, 37.265, 133.984
Yxy	15.1612, 0.3245, 0.4637
Android (android.graphics.Color)	4283332414 (0xFF4E773E)
YUV	100.2430, -18.8538, -19.5071
Hunter-Lab	38.9374, -19.5094, 16.7119

Details

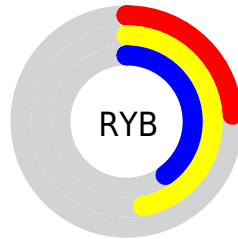
The XYZ color **10.6082, 15.1612, 6.9247** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.6467, 7.6612, 18.3713**, and the grayscale version is **12.2233, 12.8599, 14.0044**.

A 20% lighter version of the original color is **26.6750, 35.3199, 20.4504**, and **2.7980, 4.6820, 1.2866** is the 20% darker color. If you saturate the color by 10%, you get **9.6606, 14.7068, 5.3586**, and if you desaturate by 10%, it is **11.7194, 15.6926, 8.8725**.

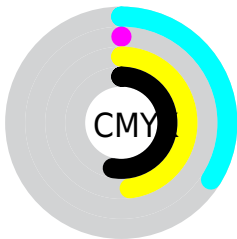
Distribution



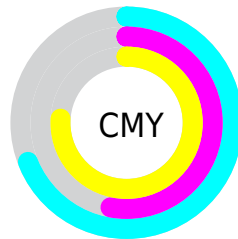
- Red (31%)
- Green (47%)
- Blue (24%)



- Red (24%)
- Yellow (47%)
- Blue (40%)



- Cyan (34%)
- Magenta (0%)
- Yellow (48%)
- Black (53%)



- Cyan (69%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6082, 15.1612, 6.9247 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 10.6082, 15.1612, 6.9247 by changing the saturation by 10% instead.

■ 10.6082, 15.1612,
6.9247

■ 10.6082, 15.1612,
6.9247

188.9238,
224.3399, 176.6437

■ 5.8694, 8.9326,
3.3373

■ 26.5728, 35.1357,
20.3318

■ 2.8057, 4.6972,
1.2693

■ 38.5292, 49.6504,
30.9887

■ 1.0519, 2.0707,
0.0365

■ 53.6223, 67.6960,
44.8391

■ 0.0000, 0.6481,
0.0000

■ 72.2173, 89.6567,
62.3016

■ 0.0000, 0.0000,
0.0000

■ 94.6796, 115.9171,
83.7948

■ 121.3745,

146.8615, 109.7372

152.6675,
182.8743, 140.5473

■ 10.6082, 15.1612,
6.9247

■ 10.6082, 15.1612,
6.9247

■ 9.6606, 14.7068,
5.3586

■ 11.7194, 15.6926,
8.8725

■ 8.8673, 14.3239,
4.1482

■ 13.0007, 16.3024,
11.2238

■ 8.2196, 14.0088,
3.2657


■ 14.4597, 16.9946,
13.9999


■ 7.7075, 13.7573,
2.6790


■ 16.1028, 17.7721,
17.2203


■ 7.3107, 13.5606,
2.3039


■ 17.9366, 18.6378,
20.9034

 7.2372, 13.5243,
2.2290

 19.9670, 19.5945,
25.0664

 22.1998, 20.6447,
29.7257

 24.6404, 21.7909,
34.8970

 27.2941, 23.0356,
40.5951

Harmonies

Analogous

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



12.9989, 15.1612, 4.7660



10.6082, 15.1612, 6.9247



9.3477, 15.1612, 12.1789

Triad

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



10.6082, 15.1612, 6.9247



12.8066, 15.1612, 39.3532



21.1048, 15.1612, 12.6694

Complementary

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



10.6082, 15.1612, 6.9247



10.6467, 7.6612, 18.3713

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.



21.0333, 15.1612, 21.7576



10.6082, 15.1612, 6.9247



15.9203, 15.1612, 39.6373

Square

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



10.6082, 15.1612, 6.9247



10.4851, 15.1612, 31.6776



19.0269, 15.1612, 32.3525



19.2099, 15.1612, 7.1707

Rectangle

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



10.6082, 15.1612, 6.9247



9.1839, 15.1612, 17.7397



19.0269, 15.1612, 32.3525



21.3176, 15.1612, 15.3346

Sweetspot

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



10.6086, 15.1619, 6.9250



26.8962, 30.9066, 27.0193



13.3133, 13.9411, 6.5469



6.2531, 7.2672, 6.1676



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.



10.6086, 15.1619, 6.9250



17.2136, 26.2936, 9.4603



9.8318, 14.7177, 8.8635



3.7283, 4.1434, 3.9455



7.6801, 14.3636, 2.3677



36.6903, 69.6163, 11.5035

Inverse Universe

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



10.6467, 7.6612, 18.3713



17.2714, 11.1845, 32.5016



11.9664, 8.4218, 14.8091



3.7313, 3.7088, 4.6094



7.5666, 3.4921, 18.8178



36.0067, 16.5706, 91.6610

Previews

White Background



This preview shows how the XYZ color 10.6082, 15.1612, 6.9247 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 10.6082, 15.1612, 6.9247 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 10.6082, 15.1612, 6.9247

Background



This preview shows how black text looks on a background with the XYZ color 10.6082, 15.1612, 6.9247.



This preview shows how white text looks on a background with the XYZ color 10.6082, 15.1612,

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

10.6082, 15.1612, 6.9247

Protanopia

13.7340, 14.9526, 6.1653

Deuteranopia

15.1937, 14.9191, 7.2331



Tritanopia

13.2699, 15.0435, 20.2935

Trichromacy



Original Color

10.6082, 15.1612, 6.9247

Protanomaly

12.2925, 14.8472, 6.3556

Deuteranomaly

13.1049, 14.7637, 7.1600

Tritanomaly

12.0871, 15.0664, 14.3276

Monochromacy



Original Color

10.6082, 15.1612, 6.9247

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3510, 13.4626, 10.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6082, 15.1612, 6.9247 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(78, 119, 62)` looks like.

```
.text, #text, p{  
    color:rgb(78, 119, 62)  
}
```

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(78, 119, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 119, 62) }
```

Border

The CSS property to change the border of an element to XYZ 10.6082, 15.1612, 6.9247 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(78, 119, 62) }
```


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

```
.border{ border-color:rgb(78, 119, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 119, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 119, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 119, 62);  
box-shadow:4px 4px 4px 4px rgb(78, 119,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6082, 15.1612, 6.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 119, 62) }
```

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

```
.background{ background-color: rgb(78, 119,  
62) }
```

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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