

Converting Colors

XYZ(11.1355, 15.2097, 17.0498)

Have a look what the booklet for
XYZ(11.1355, 15.2097, 17.0498)
contains.

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Color

**XYZ(11.1562, 15.2190,
17.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	3A776E
RGB	58, 119, 110
RGB Percent	23%, 47%, 43%
CMY	0.7725, 0.5333, 0.5686
CMYK	0.51, 0.00, 0.08, 0.53
HSL	171°, 34%, 35%
HSV	171°, 51%, 47%
XYZ	11.1562, 15.2190, 17.1014
YIQ	99.7350, -33.4670, -15.7310

Conversions

Conversions Part 2

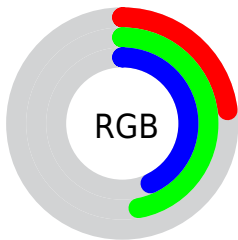
Format	Color
RYB	58, 91, 119
Decimal	3831662
CIELab	45.93, -22.14, -1.13
CIElCh	46, 22.170, 182.915
Yxy	15.2190, 0.2566, 0.3501
Android (android.graphics.Color)	4282021742 (0xFF3A776E)
YUV	99.7350, 5.0606, -36.6016
Hunter-Lab	39.0115, -17.2242, 1.3173

Details

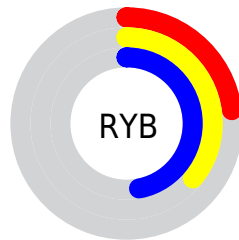
The XYZ color **11.1562, 15.2190, 17.1014** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.1344, 7.3537, 6.1959**, and the grayscale version is **12.0396, 12.6666, 13.7940**.

A 20% lighter version of the original color is **27.6160, 35.3933, 39.0943**, and **3.0874, 4.7392, 5.4547** is the 20% darker color. If you saturate the color by 10%, you get **10.4482, 14.8653, 16.5744**, and if you desaturate by 10%, it is **12.0269, 15.6571, 17.6466**.

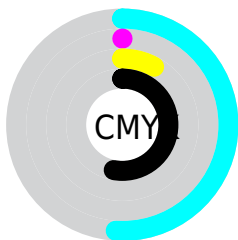
Distribution



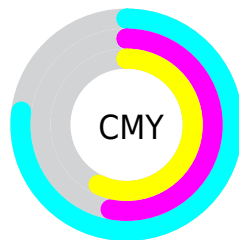
- Red (23%)
- Green (47%)
- Blue (43%)



- Red (23%)
- Yellow (36%)
- Blue (47%)



- Cyan (51%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (77%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1562, 15.2190, 17.1014 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 11.1562, 15.2190, 17.1014 by changing the saturation by 10% instead.

■ 11.1562, 15.2190,
17.1014

■ 11.1562, 15.2190,
17.1014

■ 192.6223,
224.6880, 247.8197

■ 6.2401, 8.9732,
10.1441

■ 27.5790, 35.2369,
39.2931

■ 3.0336, 4.7237,
5.3877

■ 39.8165, 49.7778,
55.3645

■ 1.1716, 2.0861,
2.4138

■ 55.2250, 67.8526,
75.3111

■ 0.0838, 0.6568,
0.7940

■ 74.1701, 89.8456,
99.5513

■ 0.0000, 0.0000,
0.0000

■ 97.0170, 116.1413,
128.5038

■ 124.1311,

147.1240, 162.5870

155.8777,
183.1781, 202.2194

■ 11.1562, 15.2190,
17.1014

■ 11.1562, 15.2190,
17.1014

■ 10.4482, 14.8653,
16.5744

■ 12.0269, 15.6571,
17.6466

■ 9.8905, 14.5885,
16.0639

■ 13.0692, 16.1830,
18.2094

■ 9.4707, 14.3826,
15.5697

■ 14.2927, 16.8022,
18.7908

■ 9.1743, 14.2401,
15.0909

■ 15.7062, 17.5190,
19.3910

■ 8.9678, 14.1425,
14.6829

■ 17.3176, 18.3377,
20.0107

■ 19.1346, 19.2621,
20.6501

■ 21.1643, 20.2960,
21.3098

■ 23.4136, 21.4428,
21.9899

■ 25.8891, 22.7060,
22.6910

Harmonies

Analogous

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



11.4879, 15.2190, 12.3017



11.1562, 15.2190, 17.1014



11.6458, 15.2190, 22.8361

Triad

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



11.1562, 15.2190, 17.1014



16.5133, 15.2190, 26.8334



16.1689, 15.2190, 8.9754

Complementary

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



11.1562, 15.2190, 17.1014



10.1344, 7.3537, 6.1959

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.



17.7064, 15.2190, 11.5712



11.1562, 15.2190, 17.1014



17.9170, 15.2190, 21.7286

Square

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



11.1562, 15.2190, 17.1014



14.6493, 15.2190, 29.1641



18.3713, 15.2190, 16.0515



14.2827, 15.2190, 8.2525

Rectangle

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



11.1562, 15.2190, 17.1014



12.3991, 15.2190, 26.2438



18.3713, 15.2190, 16.0515



16.7490, 15.2190, 9.6255

Sweetspot

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



11.1566, 15.2196, 17.1018



27.0391, 30.8198, 34.2754



9.6860, 14.6984, 6.3298



6.3055, 7.2520, 8.0794



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.



11.1566, 15.2196, 17.1018



18.4547, 26.4919, 29.4647



9.4101, 10.9020, 19.0618



3.7612, 4.1464, 4.5764



9.5247, 15.0239, 15.5849



46.1678, 73.1144, 74.6459

Inverse Universe

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



10.1344, 7.3537, 6.1959



16.4069, 10.6478, 7.5531



11.1933, 9.8705, 5.3185



3.7040, 3.7089, 3.9678



8.1925, 4.2107, 0.9559



39.7205, 20.4383, 3.5916

Previews

White Background



This preview shows how the XYZ color 11.1562, 15.2190, 17.1014 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 11.1562, 15.2190, 17.1014 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 11.1562, 15.2190, 17.1014

Background



This preview shows how black text looks on a background with the XYZ color 11.1562, 15.2190, 17.1014.



This preview shows how white text looks on a background with the XYZ color 11.1562, 15.2190,

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

11.1562, 15.2190, 17.1014

Protanopia

14.4168, 15.1041, 15.2522

Deuteranopia

15.3683, 15.0773, 17.7230



Tritanopia

12.1771, 15.2857, 22.0473

Trichromacy



Original Color

11.1562, 15.2190, 17.1014

Protanomaly

12.8093, 14.9043, 15.8374

Deuteranomaly

13.3244, 14.8085, 17.4853

Tritanomaly

11.7931, 15.3050, 20.1019

Monochromacy



Original Color

11.1562, 15.2190, 17.1014

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.5027, 13.4462, 15.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1562, 15.2190, 17.1014 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(58, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(58, 119, 110)  
}
```

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(58, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 119, 110) }
```

Border

The CSS property to change the border of an element to XYZ 11.1562, 15.2190, 17.1014 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(58, 119, 110) }
```


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

```
.border{ border-color:rgb(58, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(58, 119,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1562, 15.2190, 17.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 119, 110) }
```

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

```
.background{ background-color: rgb(58, 119,  
110) }
```

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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