

Converting Colors

XYZ(11.5343, 15.4937, 15.6188)

Have a look what the booklet for
XYZ(11.5343, 15.4937, 15.6188)
contains.

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Color

**XYZ(11.5305, 15.4425,
15.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	447769
RGB	68, 119, 105
RGB Percent	27%, 47%, 41%
CMY	0.7333, 0.5333, 0.5882
CMYK	0.43, 0.00, 0.12, 0.53
HSL	164°, 27%, 37%
HSV	164°, 43%, 47%
XYZ	11.5305, 15.4425, 15.7376
YIQ	102.1550, -25.9020, -15.1660

Conversions

Conversions Part 2

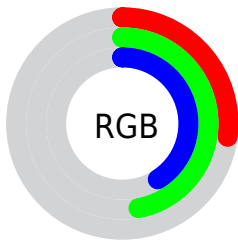
Format	Color
RYB	68, 98, 119
Decimal	4487017
CIELab	46.23, -20.73, 2.34
CIELCh	46, 20.866, 173.558
Yxy	15.4425, 0.2700, 0.3616
Android (android.graphics.Color)	4282677097 (0xFF447769)
YUV	102.1550, 1.4026, -29.9539
Hunter-Lab	39.2969, -16.3942, 3.7635

Details

The XYZ color **11.5305, 15.4425, 15.7376** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.1983, 8.6657, 9.0656**, and the grayscale version is **12.6715, 13.3314, 14.5178**.

A 20% lighter version of the original color is **28.1714, 35.4481, 36.8099**, and **3.1850, 4.8050, 4.7626** is the 20% darker color. If you saturate the color by 10%, you get **10.6187, 14.9919, 14.8354**, and if you desaturate by 10%, it is **12.6181, 15.9838, 16.6824**.

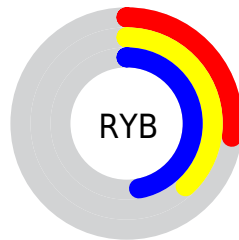
Distribution



Red (27%)

Green (47%)

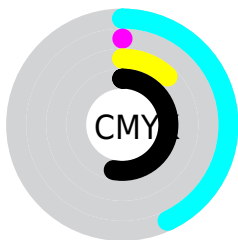
Blue (41%)



Red (27%)

Yellow (38%)

Blue (47%)

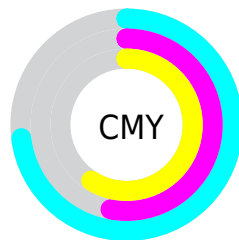


Cyan (43%)

Magenta (0%)

Yellow (12%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5305, 15.4425, 15.7376 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 11.5305, 15.4425, 15.7376 by changing the saturation by 10% instead.

■ 11.5305, 15.4425,
15.7376

■ 11.5305, 15.4425,
15.7376

195.1059,
226.0292, 239.5809

■ 6.4948, 9.1305,
9.1863

■ 28.2614, 35.6276,
36.9025

■ 3.1917, 4.8264,
4.7644

■ 40.6873, 50.2695,
52.3532

■ 1.2559, 2.1458,
2.0534

■ 56.3072, 68.4569,
71.6074

■ 0.1499, 0.6902,
0.5878

■ 75.4867, 90.5741,
95.0838

■ 0.0000, 0.0000,
0.0000

■ 98.5909, 117.0055,
123.2008

125.9852,

148.1356, 156.3769

158.0351,
184.3487, 195.0308

■ 11.5305, 15.4425,
15.7376

■ 11.5305, 15.4425,
15.7376

■ 10.6187, 14.9919,
14.8354

■ 12.6181, 15.9838,
16.6824

■ 9.8712, 14.6248,
13.9739

■ 13.8897, 16.6188,
17.6695

■ 9.2768, 14.3360,
13.1524

■ 15.3546, 17.3527,
18.7001

■ 8.8226, 14.1187,
12.3701

■ 17.0209, 18.1896,
19.7748

■ 8.4927, 13.9647,
11.6257

■ 18.8963, 19.1336,
20.8945

■ 8.2902, 13.8715,
11.1151

■ 20.9883, 20.1884,
22.0598

■ 23.3036, 21.3576,
23.2713

■ 25.8490, 22.6446,
24.5298

■ 28.6308, 24.0526,
25.8357

Harmonies

Analogous

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



12.0911, 15.4425, 11.6348



11.5305, 15.4425, 15.7376



11.7566, 15.4425, 21.0474

Triad

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



11.5305, 15.4425, 15.7376



16.0896, 15.4425, 27.5037



16.8076, 15.4425, 10.0933

Complementary

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



11.5305, 15.4425, 15.7376



11.1983, 8.6657, 9.0656

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.



18.0464, 15.4425, 13.1906



11.5305, 15.4425, 15.7376



17.6090, 15.4425, 23.3398

Square

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



11.5305, 15.4425, 15.7376



14.2967, 15.4425, 28.5661



18.3509, 15.4425, 17.9389



15.0653, 15.4425, 8.8293

Rectangle

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



11.5305, 15.4425, 15.7376



12.3329, 15.4425, 24.5198



18.3509, 15.4425, 17.9389



17.3022, 15.4425, 10.9202

Sweetspot

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



11.5309, 15.4431, 15.7380



27.3626, 31.0063, 33.3962



11.1596, 15.4257, 7.8583



6.3634, 7.2874, 7.8320



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.



11.5309, 15.4431, 15.7380



19.0982, 26.8865, 26.6538



11.0714, 13.2760, 19.4325



3.7425, 4.1389, 4.4778



8.8034, 14.7354, 11.7869



42.5254, 71.6574, 55.4650

Inverse Universe

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



11.1983, 8.6657, 9.0656



18.4275, 13.1041, 13.1129



11.4512, 9.9389, 6.7839



3.7215, 3.7159, 4.0600



8.3658, 4.2800, 1.8687



40.4505, 20.7303, 7.4355

Previews

White Background



This preview shows how the XYZ color 11.5305, 15.4425, 15.7376 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 11.5305, 15.4425, 15.7376 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 11.5305, 15.4425, 15.7376

Background



This preview shows how black text looks on a background with the XYZ color 11.5305, 15.4425, 15.7376.



This preview shows how white text looks on a background with the XYZ color 11.5305, 15.4425,

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

11.5305, 15.4425, 15.7376

Protanopia

14.5308, 15.3488, 14.0011

Deuteranopia

15.6065, 15.3838, 16.3342



Tritanopia

12.6947, 15.3879, 21.7031

Trichromacy



Original Color

11.5305, 15.4425, 15.7376

Protanomaly

13.1839, 15.2912, 14.5686

Deuteranomaly

13.7051, 15.1971, 16.1209

Tritanomaly

12.2298, 15.3702, 19.4617

Monochromacy



Original Color

11.5305, 15.4425, 15.7376

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.0272, 13.8781, 14.8768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5305, 15.4425, 15.7376 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(68, 119, 105)` looks like.

```
.text, #text, p{  
    color:rgb(68, 119, 105)  
}
```

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(68, 119, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 119, 105) }
```

Border

The CSS property to change the border of an element to XYZ 11.5305, 15.4425, 15.7376 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(68, 119, 105) }
```


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

```
.border{ border-color:rgb(68, 119, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 119, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 119, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 119, 105);  
box-shadow:4px 4px 4px 4px rgb(68, 119,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5305, 15.4425, 15.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 119, 105) }
```

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

```
.background{ background-color: rgb(68, 119,  
105) }
```

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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