

Converting Colors

XYZ(11.8276, 15.0009, 13.5652)

Have a look what the booklet for
XYZ(11.8276, 15.0009, 13.5652)
contains.

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Color

**XYZ(11.7681, 14.9184,
13.5686)**

Conversions

Conversions Part 1

Format	Color
Hex	527361
RGB	82, 115, 97
RGB Percent	32%, 45%, 38%
CMY	0.6784, 0.5490, 0.6196
CMYK	0.29, 0.00, 0.16, 0.55
HSL	147°, 17%, 39%
HSV	147°, 29%, 45%
XYZ	11.7681, 14.9184, 13.5686
YIQ	103.0810, -13.8900, -12.5940

Conversions

Conversions Part 2

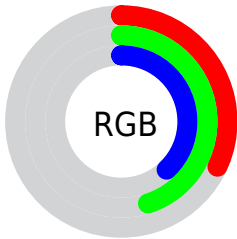
Format	Color
RYB	82, 105, 115
Decimal	5403489
CIELab	45.52, -15.98, 6.18
CIElCh	46, 17.128, 158.866
Yxy	14.9184, 0.2923, 0.3706
Android (android.graphics.Color)	4283593569 (0xFF527361)
YUV	103.0810, -2.9979, -18.4880
Hunter-Lab	38.6243, -13.2071, 6.2087

Details

The XYZ color **11.7681, 14.9184, 13.5686** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.3883, 10.5999, 13.4503**, and the grayscale version is **12.9242, 13.5973, 14.8074**.

A 20% lighter version of the original color is **28.6797, 34.6811, 33.1995**, and **3.2978, 4.6107, 3.8481** is the 20% darker color. If you saturate the color by 10%, you get **10.5697, 14.3335, 12.0457**, and if you desaturate by 10%, it is **13.1581, 15.6002, 15.2219**.

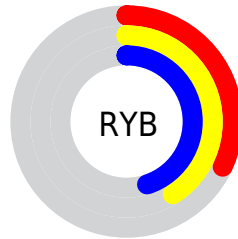
Distribution



Red (32%)

Green (45%)

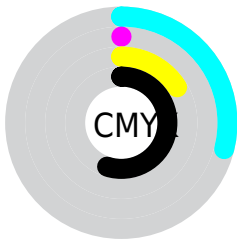
Blue (38%)



Red (32%)

Yellow (41%)

Blue (45%)

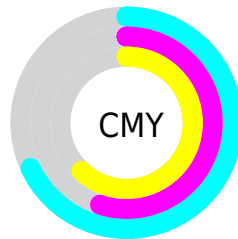


Cyan (29%)

Magenta (0%)

Yellow (16%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7681, 14.9184, 13.5686 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 11.7681, 14.9184, 13.5686 by changing the saturation by 10% instead.

■ 11.7681, 14.9184,
13.5686

■ 11.7681, 14.9184,
13.5686

196.6654,
222.8718, 225.8646

■ 6.6570, 8.7621,
7.6859

■ 28.6926, 34.7100,
33.0276

■ 3.2930, 4.5864,
3.8098

■ 41.2367, 49.1141,
47.4411

■ 1.3105, 2.0067,
1.5216

■ 56.9892, 67.0362,
65.5352

■ 0.1911, 0.6113,
0.2339

■ 76.3155, 88.8608,
87.7285

■ 0.0000, 0.0000,
0.0000

■ 99.5809, 114.9723,
114.4395

127.1508,

145.7550, 146.0869

159.3905,
181.5934, 183.0891

■ 11.7681, 14.9184,
13.5686

■ 11.7681, 14.9184,
13.5686

■ 10.5697, 14.3335,
12.0457

■ 13.1581, 15.6002,
15.2219

■ 9.5528, 13.8391,
10.6490

■ 14.7468, 16.3813,
17.0076

■ 8.7082, 13.4310,
9.3755

■ 16.5423, 17.2663,
18.9291

■ 8.0253, 13.1038,
8.2216

■ 18.5521, 18.2589,
20.9892

■ 7.4924, 12.8515,
7.1838

■ 20.7830, 19.3625,
23.1907

■ 7.0959, 12.6672,
6.2582

■ 23.2418, 20.5807,
25.5363

■ 6.7945, 12.5296,
5.4393

■ 25.9349, 21.9167,
28.0286

■ 6.7570, 12.5124,
5.3400

■ 28.8683, 23.3735,
30.6702

■ 32.0480, 24.9541,
33.4635

Harmonies

Analogous

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



12.5244, 14.9184, 10.8550



11.7681, 14.9184, 13.5686



11.6344, 14.9184, 17.4868

Triad

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



11.7681, 14.9184, 13.5686



14.6072, 14.9184, 25.3244



16.4281, 14.9184, 11.7894

Complementary

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



11.7681, 14.9184, 13.5686



12.3883, 10.5999, 13.4503

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.



17.0710, 14.9184, 15.0608



11.7681, 14.9184, 13.5686



15.9744, 14.9184, 23.1727

Square

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



11.7681, 14.9184, 13.5686



13.2118, 14.9184, 24.7438



16.8997, 14.9184, 19.2489



15.1933, 14.9184, 9.9542

Rectangle

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



11.7681, 14.9184, 13.5686



11.9069, 14.9184, 20.3461



16.8997, 14.9184, 19.2489



16.7242, 14.9184, 12.7333

Sweetspot

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



11.7685, 14.9190, 13.5689



26.2428, 29.2524, 30.2752



12.9264, 15.5893, 10.3106



6.1756, 6.9368, 7.1289



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.7685, 14.9190, 13.5689



19.7033, 26.0448, 22.5794



12.6113, 15.2561, 18.0071



3.7034, 4.1233, 4.2720



7.7136, 14.2995, 6.0482



37.1683, 69.5146, 27.2552

Inverse Universe

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



12.3883, 10.5999, 13.4503



20.9945, 17.0444, 22.3303



11.6745, 10.3144, 9.6916



3.7597, 3.7312, 4.2614



9.0889, 4.5693, 5.6763



43.8548, 22.0920, 25.3623

Previews

White Background



This preview shows how the XYZ color 11.7681, 14.9184, 13.5686 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 11.7681, 14.9184, 13.5686 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 11.7681, 14.9184, 13.5686

Background



This preview shows how black text looks on a background with the XYZ color 11.7681, 14.9184, 13.5686.



This preview shows how white text looks on a background with the XYZ color 11.7681, 14.9184,

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

11.7681, 14.9184, 13.5686

Protanopia

14.0435, 14.8164, 12.4756

Deuteranopia

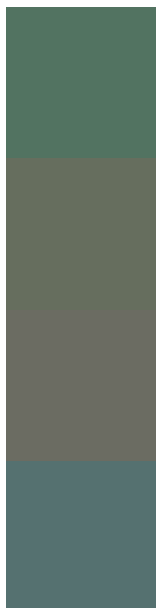
15.0876, 14.8664, 13.8787



Tritanopia

13.1758, 14.9951, 20.2891

Trichromacy



Original Color

11.7681, 14.9184, 13.5686

Protanomaly

13.0758, 14.7848, 12.7543

Deuteranomaly

13.6306, 14.7328, 13.6806

Tritanomaly

12.5761, 14.9114, 17.5446

Monochromacy



Original Color

11.7681, 14.9184, 13.5686

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3260, 13.8879, 14.3429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7681, 14.9184, 13.5686 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(82, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(82, 115, 97)  
}
```

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(82, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 115, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.7681, 14.9184, 13.5686 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(82, 115, 97) }
```


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

```
.border{ border-color:rgb(82, 115, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 115, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(82, 115,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7681, 14.9184, 13.5686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 115, 97) }
```

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

```
.background{ background-color: rgb(82, 115,  
97) }
```

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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