

Converting Colors

XYZ(15.1051, 15.5204, 19.6523)

Have a look what the booklet for
XYZ(15.1051, 15.5204, 19.6523)
contains.

XYZ(15.1051, 15.5204, 19.6524)	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(15.1051, 15.5204,
19.6524)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6D77
RGB	109, 109, 119
RGB Percent	43%, 43%, 47%
CMY	0.5725, 0.5725, 0.5333
CMYK	0.08, 0.08, 0.00, 0.53
HSL	240°, 4%, 45%
HSV	240°, 8%, 47%
XYZ	15.1051, 15.5204, 19.6524
YIQ	110.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

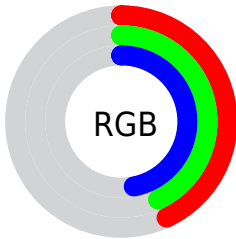
Format	Color
R _Y B	109, 109, 119
Decimal	7171447
CIE Lab	46.34, 2.13, -5.55
CIE LCh	46, 5.941, 291.000
Yxy	15.5204, 0.3004, 0.3087
Android (android.graphics.Color)	4285361527 (0xFF6D6D77)
YUV	110.1400, 4.3680, -0.9998
Hunter-Lab	39.3959, -0.5028, -1.9993

Details

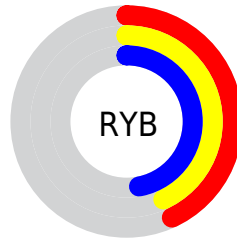
The XYZ color **15.1051, 15.5204, 19.6524** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9650, 18.2196, 17.0909**, and the grayscale version is **14.8501, 15.6234, 17.0139**.

A 20% lighter version of the original color is **34.4187, 35.5555, 43.5769**, and **4.8466, 4.9243, 6.6563** is the 20% darker color. If you saturate the color by 10%, you get **12.5547, 12.4476, 19.1939**, and if you desaturate by 10%, it is **18.0265, 19.0404, 20.1781**.

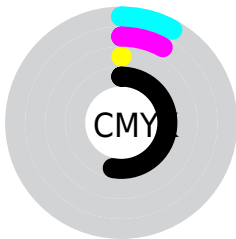
Distribution



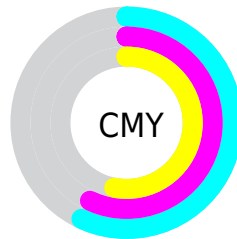
- Red (43%)
- Green (43%)
- Blue (47%)



- Red (43%)
- Yellow (43%)
- Blue (47%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1051, 15.5204, 19.6524 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 15.1051, 15.5204, 19.6524 by changing the saturation by 10% instead.

■ 15.1051, 15.5204,
19.6524

■ 15.1051, 15.5204,
19.6524

217.3773,
226.4948, 262.5688

■ 8.9800, 9.1854,
11.9611

■ 34.6076, 35.7636,
43.6849

■ 4.7851, 4.8623,
6.5950

■ 48.7157, 50.4405,
60.8632

■ 2.1552, 2.1667,
3.1355

■ 66.2155, 68.6670,
82.0408

■ 0.7190, 0.7018,
1.1642

■ 87.4723, 90.8273,
107.6364

■ 0.0000, 0.0000,
0.0000

112.8515,
117.3058, 138.0684

142.7185,

148.4870, 173.7555

177.4387,
184.7552, 215.1161

■ 15.1051, 15.5204,
19.6524

■ 15.1051, 15.5204,
19.6524

■ 12.5547, 12.4476,
19.1939

■ 18.0265, 19.0404,
20.1781

■ 10.3592, 9.8022,
18.7990

■ 21.3314, 23.0224,
20.7725

■ 8.5032, 7.5658,
18.4652

■ 25.0335, 27.4830,
21.4384

■ 6.9698, 5.7182,
18.1894

■ 29.1455, 32.4373,
22.1779

■ 5.7406, 4.2371,
17.9683

■ 33.6792, 37.8998,
22.9933

■ 4.7953, 3.0981,
17.7983

■ 38.6464, 43.8845,
23.8867

■ 4.1113, 2.2739,
17.6752

■ 44.0579, 50.4047,
24.8600

■ 3.6624, 1.7329,
17.5945

■ 49.9247, 57.4732,
25.9151

■ 3.3744, 1.3858,
17.5427

■ 56.2569, 65.1025,
27.0540

Harmonies

Analogous

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



14.5991, 15.5204, 19.8206



15.1051, 15.5204, 19.6524



15.5252, 15.5204, 18.7246

Triad

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



15.1051, 15.5204, 19.6524



15.3760, 15.5204, 14.8136



13.8062, 15.5204, 16.4645

Complementary

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



15.1051, 15.5204, 19.6524



16.9650, 18.2196, 17.0909

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.



14.0043, 15.5204, 15.1963



15.1051, 15.5204, 19.6524



14.9053, 15.5204, 14.2798

Square

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



15.1051, 15.5204, 19.6524



15.6841, 15.5204, 15.9146



14.4038, 15.5204, 14.4157



13.8570, 15.5204, 17.9233

Rectangle

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



15.1051, 15.5204, 19.6524



15.6963, 15.5204, 17.8279



14.4038, 15.5204, 14.4157



13.8458, 15.5204, 16.0031

Sweetspot

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



15.1056, 15.5211, 19.6527



29.7516, 31.0492, 35.6781



16.2236, 17.7731, 19.9761



6.9615, 7.2507, 8.4393



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.



15.1056, 15.5211, 19.6527



26.1548, 26.7155, 35.0312



15.7165, 15.8357, 19.6813



3.5007, 3.5899, 4.5987



3.5379, 1.4155, 18.6293



17.2401, 6.8967, 90.7828

Inverse Universe

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



15.8371, 15.9637, 16.7153



27.7342, 27.6712, 28.6893



16.3186, 17.8867, 17.0607



3.6840, 3.7009, 3.8626



8.0829, 4.1669, 0.3788



39.3887, 20.3056, 1.8445

Previews

White Background



This preview shows how the XYZ color 15.1051, 15.5204, 19.6524 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 15.1051, 15.5204, 19.6524 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

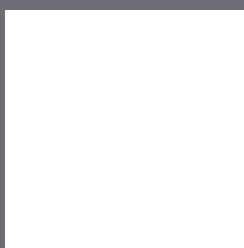
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1051, 15.5204, 19.6524

Background



This preview shows how black text looks on a background with the XYZ color 15.1051, 15.5204, 19.6524.

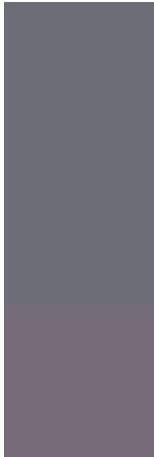


This preview shows how white text looks on a background with the XYZ color 15.1051, 15.5204,

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

15.1051, 15.5204, 19.6524

Protanopia

15.1051, 15.5204, 19.6524

Deuteranopia

15.7899, 15.5603, 19.6240



Tritanopia

15.0453, 15.4965, 19.3377

Trichromacy



Original Color

15.1051, 15.5204, 19.6524

Protanomaly

15.1051, 15.5204, 19.6524

Deuteranomaly

15.5024, 15.5677, 19.6406

Tritanomaly

15.0453, 15.4965, 19.3377

Monochromacy



Original Color

15.1051, 15.5204, 19.6524

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9870, 15.6591, 17.8554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1051, 15.5204, 19.6524 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(109, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(109, 109, 119)  
}
```

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(109, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 109, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.1051, 15.5204, 19.6524 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(109, 109, 119) }
```


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

```
.border{ border-color:rgb(109, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(109, 109,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1051, 15.5204, 19.6524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 109, 119) }
```

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

```
.background{ background-color: rgb(109,  
109, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor