

Converting Colors

XYZ(15.1007, 15.0597, 26.1557)

Have a look what the booklet for
XYZ(15.1007, 15.0597, 26.1557)
contains.

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Color

**XYZ(15.1007, 15.0597,
26.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	646B8A
RGB	100, 107, 138
RGB Percent	39%, 42%, 54%
CMY	0.6078, 0.5804, 0.4588
CMYK	0.28, 0.22, 0.00, 0.46
HSL	229°, 16%, 47%
HSV	229°, 28%, 54%
XYZ	15.1007, 15.0597, 26.1557
YIQ	108.4410, -14.1230, 8.1570

Conversions

Conversions Part 2

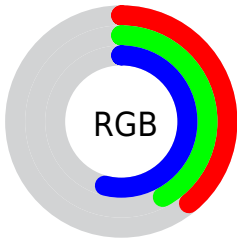
Format	Color
RYB	100, 106, 138
Decimal	6581130
CIELab	45.72, 4.79, -17.92
CIElCh	46, 18.549, 284.959
Yxy	15.0597, 0.2681, 0.2674
Android (android.graphics.Color)	4284771210 (0xFF646B8A)
YUV	108.4410, 14.5726, -7.4028
Hunter-Lab	38.8068, 1.5468, -12.7965

Details

The XYZ color **15.1007, 15.0597, 26.1557** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.8981, 22.5562, 15.3095**, and the grayscale version is **14.3413, 15.0882, 16.4310**.

A 20% lighter version of the original color is **34.6902, 34.9349, 54.7839**, and **4.7935, 4.6664, 9.8806** is the 20% darker color. If you saturate the color by 10%, you get **12.6035, 12.1422, 25.7244**, and if you desaturate by 10%, it is **18.0103, 18.4174, 26.6507**.

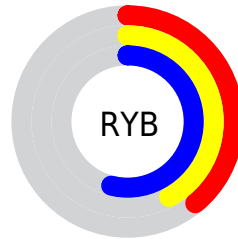
Distribution



Red (39%)

Green (42%)

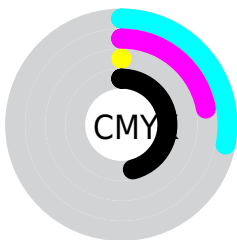
Blue (54%)



Red (39%)

Yellow (42%)

Blue (54%)

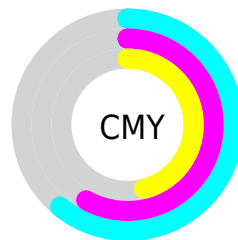


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (46%)



Cyan (61%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1007, 15.0597, 26.1557 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 15.1007, 15.0597, 26.1557 by changing the saturation by 10% instead.

■ 15.1007, 15.0597,
26.1557

■ 15.1007, 15.0597,
26.1557

217.3512,
223.7273, 297.1753

■ 8.9769, 8.8613,
16.7133

■ 34.5999, 34.9579,
54.5132

■ 4.7831, 4.6508,
9.8705

■ 48.7061, 49.4264,
74.2654

■ 2.1540, 2.0439,
5.2087

■ 66.2037, 67.4205,
98.2913

■ 0.7183, 0.6328,
2.3094

■ 87.4581, 89.3245,
127.0095

■ 0.0000, 0.0000,
0.7365

112.8347,
115.5227, 160.8384

■ 0.0000, 0.0000,
0.0000

142.6989,

146.3997, 200.1967

177.4159,
182.3398, 245.5028

■ 15.1007, 15.0597,
26.1557

■ 15.1007, 15.0597,
26.1557

■ 12.6035, 12.1422,
25.7244

■ 18.0103, 18.4174,
26.6507

■ 10.4983, 9.6447,
25.3533

■ 21.3485, 22.2307,
27.2108

■ 8.7652, 7.5479,
25.0399

■ 25.1324, 26.5167,
27.8387

■ 7.3820, 5.8305,
24.7814

■ 29.3776, 31.2909,
28.5364

■ 6.3240, 4.4690,
24.5743

■ 34.0992, 36.5682,
29.3062

■ 5.5629, 3.4372,
24.4153

■ 39.3113, 42.3628,
30.1499

■ 5.0500, 2.6969,
24.2994

■ 45.0278, 48.6882,
31.0696

■ 4.9442, 2.5485,
24.2763

■ 51.2616, 55.5577,
32.0670

■ 58.0254, 62.9839,
33.1439

Harmonies

Analogous

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



13.5507, 15.0597, 26.1514



15.1007, 15.0597, 26.1557



16.5355, 15.0597, 23.2447

Triad

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



15.1007, 15.0597, 26.1557



16.5388, 15.0597, 11.0538



11.6125, 15.0597, 14.2713

Complementary

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



15.1007, 15.0597, 26.1557



20.8981, 22.5562, 15.3095

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.



12.3006, 15.0597, 11.0472



15.1007, 15.0597, 26.1557



15.1050, 15.0597, 9.4319

Square

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



15.1007, 15.0597, 26.1557



17.4058, 15.0597, 14.2820



13.5547, 15.0597, 9.4297



11.6115, 15.0597, 18.7121

Rectangle

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



15.1007, 15.0597, 26.1557



17.2016, 15.0597, 20.3014



13.5547, 15.0597, 9.4297



11.7688, 15.0597, 13.0291

Sweetspot

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



15.1012, 15.0603, 26.1560



37.2329, 38.7332, 47.8970



18.4006, 22.5091, 24.6354



8.1644, 8.4751, 10.7119



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.1012, 15.0603, 26.1560



23.8180, 23.2830, 45.6219



15.7511, 14.3554, 25.9857



4.8444, 5.0317, 6.3217



4.5416, 2.3535, 22.2606



0.0381, 0.0316, 0.1505

Inverse Universe

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



17.6927, 15.5797, 15.9852



29.2022, 24.4837, 24.4633



20.0820, 23.5788, 15.5498



5.0681, 5.0627, 5.4470



9.7792, 5.0218, 1.3415



0.0690, 0.0350, 0.0301

Previews

White Background



This preview shows how the XYZ color 15.1007, 15.0597, 26.1557 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 15.1007, 15.0597, 26.1557 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

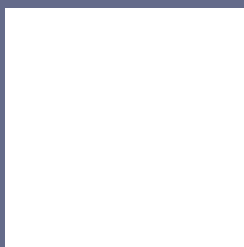
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1007, 15.0597, 26.1557

Background



This preview shows how black text looks on a background with the XYZ color 15.1007, 15.0597, 26.1557.

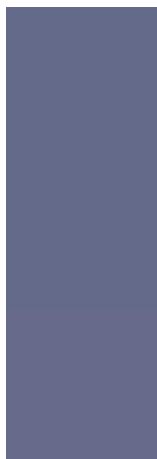


This preview shows how white text looks on a background with the XYZ color 15.1007, 15.0597,

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

15.1007, 15.0597, 26.1557

Protanopia

15.1007, 15.0597, 26.1557

Deuteranopia

15.3350, 15.0266, 26.1369



Tritanopia

13.7296, 14.9706, 19.6187

Trichromacy



Original Color

15.1007, 15.0597, 26.1557

Protanomaly

15.1007, 15.0597, 26.1557

Deuteranomaly

15.2210, 14.9678, 26.1316

Tritanomaly

14.1643, 14.9850, 21.8845

Monochromacy



Original Color

15.1007, 15.0597, 26.1557

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5180, 15.0603, 19.5945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1007, 15.0597, 26.1557 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(100, 107, 138)` looks like.

```
.text, #text, p{  
    color:rgb(100, 107, 138)  
}
```

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(100, 107, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 107, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.1007, 15.0597, 26.1557 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(100, 107, 138) }
```


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

```
.border{ border-color:rgb(100, 107, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 107, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 107, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 107, 138);  
box-shadow:4px 4px 4px 4px rgb(100, 107,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1007, 15.0597, 26.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 107, 138) }
```

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

```
.background{ background-color: rgb(100,  
107, 138) }
```

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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