

Converting Colors

XYZ(15.4752, 16.0416, 26.2800)

Have a look what the booklet for
XYZ(15.4752, 16.0416, 26.2800)
contains.

XYZ(15.5272, 16.0760, 26.3294)	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(15.5272, 16.0760,
26.3294)**

Conversions

Conversions Part 1

Format	Color
Hex	63708A
RGB	99, 112, 138
RGB Percent	39%, 44%, 54%
CMY	0.6118, 0.5608, 0.4588
CMYK	0.28, 0.19, 0.00, 0.46
HSL	220°, 16%, 46%
HSV	220°, 28%, 54%
XYZ	15.5272, 16.0760, 26.3294
YIQ	111.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

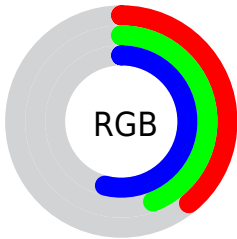
Format	Color
R_{YB}	99, 109, 138
Decimal	6516874
CIE _{Lab}	47.07, 1.46, -15.85
CIE _{LCh}	47, 15.920, 275.261
Yxy	16.0760, 0.2680, 0.2775
Android (android.graphics.Color)	4284706954 (0xFF63708A)
YUV	111.0770, 13.2730, -10.5915
Hunter-Lab	40.0949, -1.0399, -10.8680

Details

The XYZ color **15.5272, 16.0760, 26.3294** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.0672, 20.9714, 14.7950**, and the grayscale version is **15.0982, 15.8845, 17.2982**.

A 20% lighter version of the original color is **35.4419, 36.8918, 54.5431**, and **4.9601, 5.0752, 9.9507** is the 20% darker color. If you saturate the color by 10%, you get **13.1828, 13.4371, 25.9439**, and if you desaturate by 10%, it is **18.2340, 19.0565, 26.7623**.

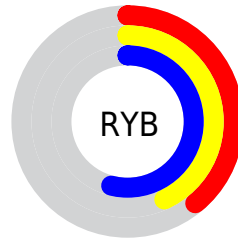
Distribution



Red (39%)

Green (44%)

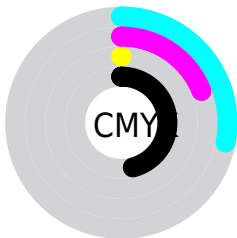
Blue (54%)



Red (39%)

Yellow (43%)

Blue (54%)

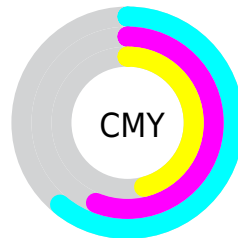


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (46%)



Cyan (61%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5272, 16.0760, 26.3294 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 15.5272, 16.0760, 26.3294 by changing the saturation by 10% instead.

■ 15.5272, 16.0760,
26.3294

■ 15.5272, 16.0760,
26.3294

219.8611,
229.7898, 298.0521

■ 9.2789, 9.5779,
16.8423

■ 35.3395, 36.7301,
54.7965

■ 4.9821, 5.1200,
9.9613

■ 49.6343, 51.6549,
74.6135

■ 2.2714, 2.3179,
5.2680

■ 67.3420, 70.1575,
98.7108

■ 0.7800, 0.7831,
2.3439

■ 88.8279, 92.6221,
127.5071

■ 0.0000, 0.0000,
0.7557

114.4574,
119.4333, 161.4208

■ 0.0000, 0.0000,
0.0000

144.5959,

150.9754, 200.8706

179.6087,
187.6327, 246.2748

■ 15.5272, 16.0760,
26.3294

■ 15.5272, 16.0760,
26.3294

■ 13.1828, 13.4371,
25.9439

■ 18.2340, 19.0565,
26.7623

■ 11.1831, 11.1249,
25.6030

■ 21.3169, 22.3889,
27.2430

■ 9.5111, 9.1261,
25.3053

■ 24.7905, 26.0853,
27.7734

■ 8.1476, 7.4260,
25.0490

■ 28.6684, 30.1568,
28.3549

■ 7.0714, 6.0080,
24.8320

■ 32.9633, 34.6139,
28.9889

■ 6.2581, 4.8539,
24.6521

■ 37.6876, 39.4668,
29.6766

■ 5.6584, 3.9323,
24.5058

■ 42.8529, 44.7251,
30.4193

■ 5.5647, 3.7894,
24.4832

■ 48.4705, 50.3983,
31.2182

■ 54.5514, 56.4953,
32.0746

Harmonies

Analogous

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



14.1837, 16.0760, 25.4555



15.5272, 16.0760, 26.3294



16.8824, 16.0760, 24.5614

Triad

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



15.5272, 16.0760, 26.3294



17.5780, 16.0760, 13.4305



12.9692, 16.0760, 14.4800

Complementary

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



15.5272, 16.0760, 26.3294



20.0672, 20.9714, 14.7950

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.



13.7819, 16.0760, 11.9473



15.5272, 16.0760, 26.3294



16.4308, 16.0760, 11.4092

Square

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



15.5272, 16.0760, 26.3294



18.1116, 16.0760, 16.8086



15.0350, 16.0760, 10.9106



12.7596, 16.0760, 18.2184

Rectangle

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



15.5272, 16.0760, 26.3294



17.5934, 16.0760, 22.2603



15.0350, 16.0760, 10.9106



13.1784, 16.0760, 13.4786

Sweetspot

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



15.5277, 16.0766, 26.3298



37.6258, 39.5191, 48.0280



17.8947, 22.2941, 22.5454



8.2658, 8.6777, 10.7456



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.



15.5277, 16.0766, 26.3298



24.6261, 25.2618, 45.9612



14.8577, 13.7532, 25.9166



4.9020, 5.1470, 6.3410



5.1144, 3.4990, 22.4515



0.0464, 0.0481, 0.1533

Inverse Universe

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



17.8681, 15.4972, 17.3795



29.5216, 24.2726, 27.1898



20.8801, 23.9958, 15.3359



5.0972, 5.0743, 5.6002



10.0683, 5.1374, 2.8640



0.0732, 0.0366, 0.0520

Previews

White Background



This preview shows how the XYZ color 15.5272, 16.0760, 26.3294 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 15.5272, 16.0760, 26.3294 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

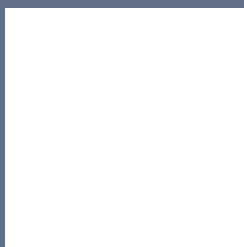
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5272, 16.0760, 26.3294

Background



This preview shows how black text looks on a background with the XYZ color 15.5272, 16.0760, 26.3294.



This preview shows how white text looks on a background with the XYZ color 15.5272, 16.0760,

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

15.5272, 16.0760, 26.3294

Protanopia

15.9170, 15.9613, 25.9088

Deuteranopia

16.3132, 15.9895, 26.6526



Tritanopia

14.5927, 16.2035, 21.4273

Trichromacy



Original Color

15.5272, 16.0760, 26.3294

Protanomaly

15.7933, 16.0586, 25.9341

Deuteranomaly

16.0618, 16.0192, 26.6716

Tritanomaly

14.9095, 16.1610, 23.1024

Monochromacy



Original Color

15.5272, 16.0760, 26.3294

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1990, 15.8752, 20.3523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5272, 16.0760, 26.3294 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(99, 112, 138) looks like.

```
.text, #text, p{  
    color:rgb(99, 112, 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(99, 112, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 112, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.5272, 16.0760, 26.3294 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(99, 112, 138) }
```


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

```
.border{ border-color:rgb(99, 112, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 112, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 112, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 112, 138);  
box-shadow:4px 4px 4px 4px rgb(99, 112,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5272, 16.0760, 26.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 112, 138) }
```

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

```
.background{ background-color: rgb(99, 112,  
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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