

Converting Colors

XYZ(15.4603, 16.4571, 26.2939)

Have a look what the booklet for
XYZ(15.4603, 16.4571, 26.2939)
contains.

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Color

**XYZ(15.4286, 16.3564,
26.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	60728A
RGB	96, 114, 138
RGB Percent	38%, 45%, 54%
CMY	0.6235, 0.5529, 0.4588
CMYK	0.30, 0.17, 0.00, 0.46
HSL	214°, 18%, 46%
HSV	214°, 30%, 54%
XYZ	15.4286, 16.3564, 26.3887
YIQ	111.3540, -18.4320, 3.6480

Conversions

Conversions Part 2

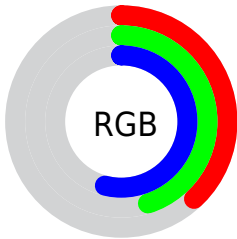
Format	Color
R _Y B	96, 109, 138
Decimal	6320778
CIE Lab	47.44, -0.69, -15.32
CIE LCh	47, 15.334, 267.415
Yxy	16.3564, 0.2652, 0.2812
Android (android.graphics.Color)	4284510858 (0xFF60728A)
YUV	111.3540, 13.1365, -13.4655
Hunter-Lab	40.4430, -2.6794, -10.3760

Details

The XYZ color **15.4286, 16.3564, 26.3887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3092, 19.6808, 13.8478**, and the grayscale version is **15.1795, 15.9700, 17.3913**.

A 20% lighter version of the original color is **35.0728, 37.2371, 54.6292**, and **4.9286, 5.2294, 9.9821** is the 20% darker color. If you saturate the color by 10%, you get **13.2508, 13.9701, 26.0432**, and if you desaturate by 10%, it is **17.9390, 19.0288, 26.7725**.

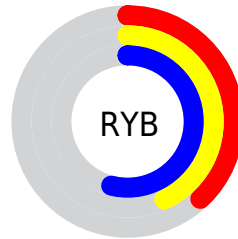
Distribution



Red (38%)

Green (45%)

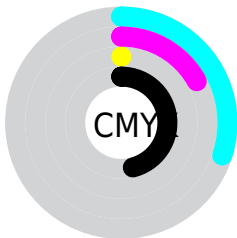
Blue (54%)



Red (38%)

Yellow (43%)

Blue (54%)

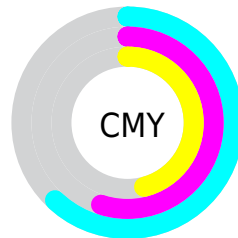


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4286, 16.3564, 26.3887 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 15.4286, 16.3564, 26.3887 by changing the saturation by 10% instead.

■ 15.4286, 16.3564,
26.3887

■ 15.4286, 16.3564,
26.3887

219.2833,
231.4357, 298.3510

■ 9.2090, 9.7767,
16.8863

■ 35.1689, 37.2158,
54.8931

■ 4.9360, 5.2512,
9.9923

■ 49.4202, 52.2644,
74.7322

■ 2.2441, 2.3954,
5.2883

■ 67.0796, 70.9046,
98.8539

■ 0.7658, 0.8235,
2.3557

■ 88.5122, 93.5210,
127.6768

■ 0.0000, 0.0000,
0.7622

114.0836,
120.4979, 161.6194

■ 0.0000, 0.0000,
0.0000

144.1590,

152.2197, 201.1003

179.1037,
189.0708, 246.5380

■ 15.4286, 16.3564,
26.3887

■ 15.4286, 16.3564,
26.3887

■ 13.2508, 13.9701,
26.0432

■ 17.9390, 19.0288,
26.7725

■ 11.3889, 11.8572,
25.7335

■ 20.7947, 21.9954,
27.1946

■ 9.8267, 10.0069,
25.4587

■ 24.0096, 25.2665,
27.6565

■ 8.5462, 8.4067,
25.2173

■ 27.5962, 28.8511,
28.1594

■ 7.5269, 7.0428,
25.0077

■ 31.5666, 32.7578,
28.7042

■ 6.7452, 5.8997,
24.8283

■ 35.9321, 36.9950,
29.2920

■ 6.1590, 4.9781,
24.6813

■ 40.7037, 41.5706,
29.9237

■ 45.8919, 46.4925,
30.6002

■ 51.5068, 51.7679,
31.3226

Harmonies

Analogous

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



14.1799, 16.3564, 24.8953



15.4286, 16.3564, 26.3887



16.7818, 16.3564, 25.3201

Triad

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



15.4286, 16.3564, 26.3887



17.9854, 16.3564, 14.5785



13.4451, 16.3564, 14.0724

Complementary

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



15.4286, 16.3564, 26.3887



19.3092, 19.6808, 13.8478

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.



14.3729, 16.3564, 11.9535



15.4286, 16.3564, 26.3887



16.9977, 16.3564, 12.2143

Square

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



15.4286, 16.3564, 26.3887



18.3080, 16.3564, 18.1493



15.6645, 16.3564, 11.3258



13.0772, 16.3564, 17.4736

Rectangle

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



15.4286, 16.3564, 26.3887



17.5525, 16.3564, 23.3738



15.6645, 16.3564, 11.3258



13.6991, 16.3564, 13.2065

Sweetspot

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



15.4291, 16.3570, 26.3891



37.3227, 39.4568, 48.0320



17.2907, 22.0153, 21.0441



8.2167, 8.6913, 10.7508



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.



15.4291, 16.3570, 26.3891



24.3161, 25.6887, 46.0600



13.8944, 12.8425, 25.7916



4.9394, 5.2218, 6.3534



5.6609, 4.5921, 22.6337



0.0517, 0.0586, 0.1550

Inverse Universe

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



17.7018, 14.9843, 17.8796



29.1096, 23.1292, 28.0367



21.2240, 24.1893, 14.6171



5.1160, 5.0819, 5.6995



10.3442, 5.2478, 4.3167



0.0758, 0.0377, 0.0661

Previews

White Background



This preview shows how the XYZ color 15.4286, 16.3564, 26.3887 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 15.4286, 16.3564, 26.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

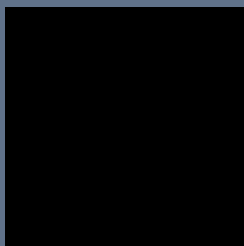
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

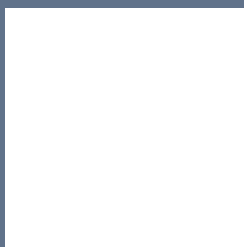
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4286, 16.3564, 26.3887

Background



This preview shows how black text looks on a background with the XYZ color 15.4286, 16.3564, 26.3887.

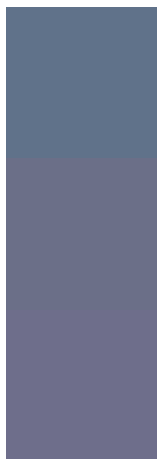


This preview shows how white text looks on a background with the XYZ color 15.4286, 16.3564,

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

15.4286, 16.3564, 26.3887

Protanopia

16.1918, 16.2723, 25.5800

Deuteranopia

16.6665, 16.3309, 26.6999



Tritanopia

14.4613, 16.2986, 21.7858

Trichromacy



Original Color

15.4286, 16.3564, 26.3887

Protanomaly

15.9030, 16.2780, 25.9707

Deuteranomaly

16.1703, 16.2362, 26.7077

Tritanomaly

14.7761, 16.2529, 23.4774

Monochromacy



Original Color

15.4286, 16.3564, 26.3887

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1892, 16.0330, 20.3833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4286, 16.3564, 26.3887 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(96, 114, 138) looks like.

```
.text, #text, p{  
  color:rgb(96, 114, 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(96, 114, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 114, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.4286, 16.3564, 26.3887 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(96, 114, 138) }
```


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

```
.border{ border-color:rgb(96, 114, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 114, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 114, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 114, 138);  
box-shadow:4px 4px 4px 4px rgb(96, 114,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4286, 16.3564, 26.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 114, 138) }
```

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

```
.background{ background-color: rgb(96, 114,  
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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