

Converting Colors

XYZ(15.1335, 18.3070, 19.6093)

Have a look what the booklet for
XYZ(15.1335, 18.3070, 19.6093)
contains.

XYZ(15.1606, 18.3313, 19.5689)	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(15.1606, 18.3313,
19.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7D75
RGB	94, 125, 117
RGB Percent	37%, 49%, 46%
CMY	0.6314, 0.5098, 0.5412
CMYK	0.25, 0.00, 0.06, 0.51
HSL	165°, 14%, 43%
HSV	165°, 25%, 49%
XYZ	15.1606, 18.3313, 19.5689
YIQ	114.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

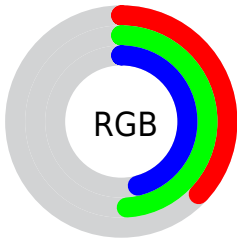
Format	Color
R_{YB}	94, 112, 125
Decimal	6192501
CIE Lab	49.90, -12.87, 0.75
CIE LCh	50, 12.892, 176.681
Yxy	18.3313, 0.2857, 0.3455
Android (android.graphics.Color)	4284382581 (0xFF5E7D75)
YUV	114.8190, 1.0752, -18.2583
Hunter-Lab	42.8151, -11.7204, 2.8717

Details

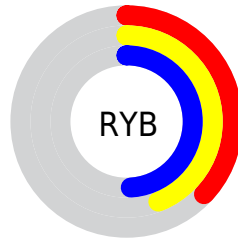
The XYZ color **15.1606, 18.3313, 19.5689** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8591, 13.3251, 14.3600**, and the grayscale version is **16.2416, 17.0874, 18.6082**.

A 20% lighter version of the original color is **34.7589, 40.7251, 43.5649**, and **4.8309, 6.2029, 6.5729** is the 20% darker color. If you saturate the color by 10%, you get **13.7948, 17.6493, 18.5320**, and if you desaturate by 10%, it is **16.7416, 19.1245, 20.6508**.

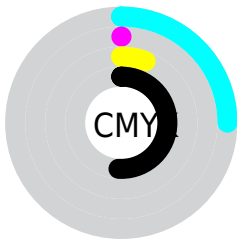
Distribution



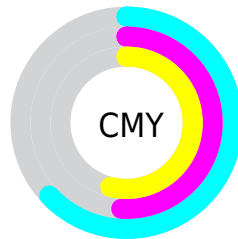
- Red (37%)
- Green (49%)
- Blue (46%)



- Red (37%)
- Yellow (44%)
- Blue (49%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1606, 18.3313, 19.5689 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 15.1606, 18.3313, 19.5689 by changing the saturation by 10% instead.

■ 15.1606, 18.3313,
19.5689

■ 15.1606, 18.3313,
19.5689

217.7054,
242.7318, 262.0983

■ 9.0192, 11.1881,
11.9011

■ 34.7040, 40.6010,
43.5426

■ 4.8109, 6.1935,
6.5547

■ 48.8368, 56.4964,
60.6857

■ 2.1704, 2.9631,
3.1110

■ 66.3640, 76.0779,
81.8242

■ 0.7271, 1.1125,
1.1516

■ 87.6512, 99.7300,
107.3768

■ 0.0000, 0.0000,
0.0000

113.0635,
127.8370, 137.7619

142.9664,

160.7834, 173.3982

177.7253,
198.9536, 214.7041

■ 15.1606, 18.3313,
19.5689

■ 15.1606, 18.3313,
19.5689

■ 13.7948, 17.6493,
18.5320

■ 16.7416, 19.1245,
20.6508

■ 12.6327, 17.0709,
17.5381

■ 18.5456, 20.0314,
21.7772

■ 11.6638, 16.5915,
16.5866

■ 20.5819, 21.0574,
22.9493

■ 10.8762, 16.2048,
15.6768

■ 22.8589, 22.2066,
24.1678

■ 10.2568, 15.9041,
14.8075

■ 25.3845, 23.4832,
25.4333

■ 9.7903, 15.6815,
13.9778

■ 28.1663, 24.8911,
26.7466

■ 9.4544, 15.5255,
13.1863

■ 31.2113, 26.4339,
28.1083

■ 9.2982, 15.4536,
12.7882

■ 34.5267, 28.1152,
29.5191

■ 38.1189, 29.9385,
30.9795

Harmonies

Analogous

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



15.5151, 18.3313, 16.4553



15.1606, 18.3313, 19.5689



15.3883, 18.3313, 23.1686

Triad

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



15.1606, 18.3313, 19.5689



18.5105, 18.3313, 26.6670



18.7593, 18.3313, 14.8034

Complementary

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



15.1606, 18.3313, 19.5689



14.8591, 13.3251, 14.3600

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.



19.6303, 18.3313, 17.0616



15.1606, 18.3313, 19.5689



19.4820, 18.3313, 23.9293

Square

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



15.1606, 18.3313, 19.5689



17.2864, 18.3313, 27.5401



19.9007, 18.3313, 20.3556



17.5611, 18.3313, 13.9160

Rectangle

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



15.1606, 18.3313, 19.5689



15.8459, 18.3313, 25.3223



19.9007, 18.3313, 20.3556



19.1022, 18.3313, 15.4132

Sweetspot

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



15.1611, 18.3321, 19.5693



32.4069, 35.4661, 38.5108



14.8643, 18.3166, 13.3420



7.3393, 8.0511, 8.7402



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.1611, 18.3321, 19.5693



25.6539, 32.0792, 33.9323



14.7693, 16.7630, 21.8601



4.4005, 4.8685, 5.2803



9.7011, 16.1270, 13.3309



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8591, 13.3251, 14.3600



25.0124, 21.4256, 22.8539



15.1548, 14.5214, 12.5941



4.3698, 4.3611, 4.7519



9.1003, 4.6598, 1.8519



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1606, 18.3313, 19.5689 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 15.1606, 18.3313, 19.5689 looks on a black 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

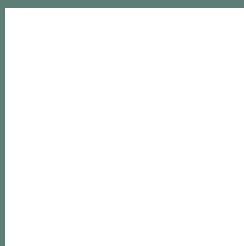
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1606, 18.3313, 19.5689

Background



This preview shows how black text looks on a background with the XYZ color 15.1606, 18.3313, 19.5689.



This preview shows how white text looks on a background with the XYZ color 15.1606, 18.3313,

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

15.1606, 18.3313, 19.5689

Protanopia

17.4851, 18.2867, 18.2309

Deuteranopia

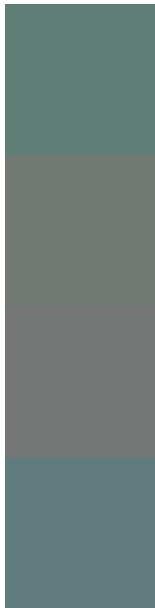
18.5138, 18.2605, 20.0016



Tritanopia

16.2464, 18.4008, 24.8857

Trichromacy



Original Color

15.1606, 18.3313, 19.5689

Protanomaly

16.5567, 18.3344, 18.5858

Deuteranomaly

17.0693, 18.2147, 19.7557

Tritanomaly

15.8623, 18.4344, 22.8008

Monochromacy



Original Color

15.1606, 18.3313, 19.5689

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8126, 17.5804, 19.0829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1606, 18.3313, 19.5689 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(94, 125, 117) looks like.

```
.text, #text, p{  
    color:rgb(94, 125, 117)  
}
```

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(94, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 125, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.1606, 18.3313, 19.5689 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(94, 125, 117) }
```


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

```
.border{ border-color:rgb(94, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 125,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1606, 18.3313, 19.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 125, 117) }
```

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

```
.background{ background-color: rgb(94, 125,  
117) }
```

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