

Converting Colors

XYZ(15.0827, 19.5330, 25.2868)

Have a look what the booklet for
XYZ(15.0827, 19.5330, 25.2868)
contains.

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Color

**XYZ(15.0834, 19.5356,
25.1661)**

Conversions

Conversions Part 1

Format	Color
Hex	478485
RGB	71, 132, 133
RGB Percent	28%, 52%, 52%
CMY	0.7216, 0.4823, 0.4784
CMYK	0.47, 0.01, 0.00, 0.48
HSL	181°, 30%, 40%
HSV	181°, 47%, 52%
XYZ	15.0834, 19.5356, 25.1661
YIQ	113.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

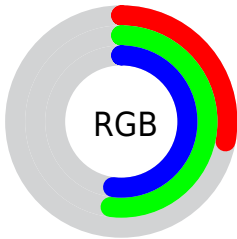
Format	Color
RYB	71, 102, 133
Decimal	4686981
CIELab	51.31, -19.42, -6.69
CIElCh	51, 20.540, 199.010
Yxy	19.5356, 0.2523, 0.3268
Android (android.graphics.Color)	4282877061 (0xFF478485)
YUV	113.8750, 9.4286, -37.6014
Hunter-Lab	44.1991, -16.4334, -2.8192

Details

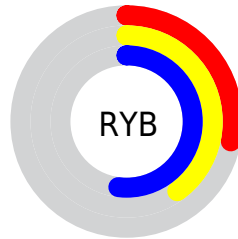
The XYZ color **15.0834, 19.5356, 25.1661** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.1278, 10.0764, 7.2146**, and the grayscale version is **15.9377, 16.7677, 18.2601**.

A 20% lighter version of the original color is **34.5241, 42.5282, 52.8435**, and **4.7691, 6.7528, 9.4396** is the 20% darker color. If you saturate the color by 10%, you get **14.1839, 19.0293, 25.1161**, and if you desaturate by 10%, it is **16.1976, 20.1536, 25.2270**.

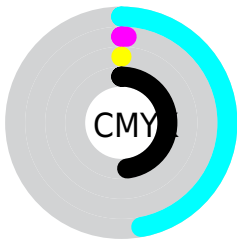
Distribution



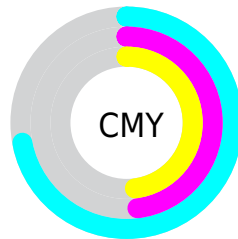
- Red (28%)
- Green (52%)
- Blue (52%)



- Red (28%)
- Yellow (40%)
- Blue (52%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (48%)



- Cyan (72%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0834, 19.5356, 25.1661 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 15.0834, 19.5356, 25.1661 by changing the saturation by 10% instead.

■ 15.0834, 19.5356,
25.1661

■ 15.0834, 19.5356,
25.1661

217.2488,
249.3898, 292.1382

■ 8.9646, 12.0579,
15.9807

■ 34.5699, 42.6372,
52.8940

■ 4.7750, 6.7831,
9.3563

■ 48.6683, 59.0299,
72.2736

■ 2.1493, 3.3268,
4.8743

■ 66.1573, 79.1631,
95.8884

■ 0.7158, 1.3047,
2.1163

■ 87.4023, 103.4211,
124.1568

■ 0.0000, 0.1448,
0.6254

■ 112.7686,
132.1884, 157.4975

■ 0.0000, 0.0000,
0.0000

142.6215,

165.8494, 196.3289

177.3265,
204.7884, 241.0696

■ 15.0834, 19.5356,
25.1661

■ 15.0834, 19.5356,
25.1661

■ 14.1839, 19.0293,
25.1161

■ 16.1976, 20.1536,
25.2270

■ 13.4834, 18.6252,
25.0750

■ 17.5377, 20.8877,
25.2981

■ 12.9666, 18.3158,
25.0426

■ 19.1160, 21.7447,
25.3803

■ 12.6154, 18.0920,
25.0179

■ 20.9434, 22.7302,
25.4742

■ 12.3972, 17.9367,
24.9994

■ 23.0304, 23.8496,
25.5803

■ 12.3311, 17.8882,
24.9935

■ 25.3865, 25.1079,
25.6990

■ 28.0211, 26.5097,
25.8307

■ 30.9429, 28.0598,
25.9759

■ 34.1603, 29.7623,
26.1349

Harmonies

Analogous

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



14.9595, 19.5356, 19.1896



15.0834, 19.5356, 25.1661



16.0995, 19.5356, 30.9860

Triad

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



15.0834, 19.5356, 25.1661



21.7067, 19.5356, 29.5726



19.3300, 19.5356, 11.9985

Complementary

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



15.0834, 19.5356, 25.1661



13.1278, 10.0764, 7.2146

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.



21.2768, 19.5356, 13.8339



15.0834, 19.5356, 25.1661



22.7147, 19.5356, 23.4976

Square

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



15.0834, 19.5356, 25.1661



19.8824, 19.5356, 33.8360



22.5518, 19.5356, 17.8000



17.3128, 19.5356, 12.2797

Rectangle

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



15.0834, 19.5356, 25.1661



17.1909, 19.5356, 33.6545



22.5518, 19.5356, 17.8000



20.0168, 19.5356, 12.3725

Sweetspot

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



15.0840, 19.5364, 25.1666



34.9440, 39.3245, 45.4870



12.1237, 18.5700, 8.9069



7.7425, 8.7891, 10.2411



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.0840, 19.5364, 25.1666



25.3070, 34.0240, 44.9719



11.5839, 12.5362, 23.9999



4.7954, 5.2664, 5.9645



11.7460, 17.0398, 23.8066



0.0412, 0.0601, 0.0826

Inverse Universe

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



16.0914, 11.1593, 23.1366



27.3577, 17.1119, 40.8083



15.5619, 14.9446, 8.0259



4.8547, 4.7616, 5.8474



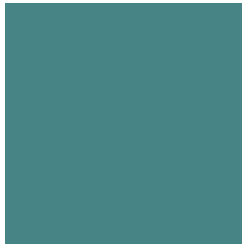
13.1069, 6.3071, 20.9333



0.0457, 0.0220, 0.0739

Previews

White Background



This preview shows how the XYZ color 15.0834, 19.5356, 25.1661 looks on a white 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

Black Background



This preview shows how the XYZ color 15.0834, 19.5356, 25.1661 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 15.0834, 19.5356, 25.1661

Background



This preview shows how black text looks on a background with the XYZ color 15.0834, 19.5356, 25.1661.

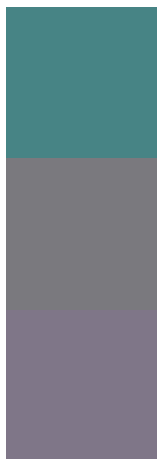


This preview shows how white text looks on a background with the XYZ color 15.0834, 19.5356,

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

15.0834, 19.5356, 25.1661

Protanopia

18.6293, 19.3187, 22.4857

Deuteranopia

19.6748, 19.2465, 25.9705



Tritanopia

15.7481, 19.6115, 28.1547

Trichromacy



Original Color

15.0834, 19.5356, 25.1661

Protanomaly

16.8896, 19.1358, 23.5723

Deuteranomaly

17.5195, 19.0410, 25.6736

Tritanomaly

15.4514, 19.4840, 26.9912

Monochromacy



Original Color

15.0834, 19.5356, 25.1661

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3256, 17.6519, 20.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0834, 19.5356, 25.1661 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(71, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(71, 132, 133)  
}
```

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(71, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 132, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.0834, 19.5356, 25.1661 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(71, 132, 133) }
```


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

```
.border{ border-color:rgb(71, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(71, 132,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0834, 19.5356, 25.1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 132, 133) }
```

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

```
.background{ background-color: rgb(71, 132,  
133) }
```

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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