

Converting Colors

XYZ(15.0801, 19.5258, 25.5283)

Have a look what the booklet for
XYZ(15.0801, 19.5258, 25.5283)
contains.

XYZ(15.0801, 19.5258, 25.5283)	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(15.0801, 19.5258,
25.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	468486
RGB	70, 132, 134
RGB Percent	27%, 52%, 53%
CMY	0.7255, 0.4823, 0.4745
CMYK	0.48, 0.01, 0.00, 0.47
HSL	182°, 31%, 40%
HSV	182°, 48%, 53%
XYZ	15.0801, 19.5258, 25.5283
YIQ	113.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

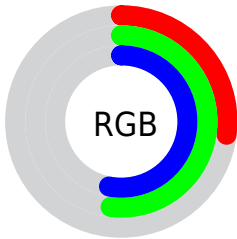
Format	Color
RYB	70, 101, 134
Decimal	4621446
CIELab	51.30, -19.39, -7.30
CIELCh	51, 20.718, 200.619
Yxy	19.5258, 0.2508, 0.3247
Android (android.graphics.Color)	4282811526 (0xFF468486)
YUV	113.6900, 10.0128, -38.3161
Hunter-Lab	44.1880, -16.4121, -3.3214

Details

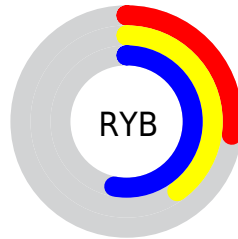
The XYZ color **15.0801, 19.5258, 25.5283** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.2547, 10.1456, 7.0545**, and the grayscale version is **15.8810, 16.7080, 18.1950**.

A 20% lighter version of the original color is **34.4870, 42.4967, 53.3987**, and **4.7427, 6.7392, 9.4383** is the 20% darker color. If you saturate the color by 10%, you get **14.1628, 18.9693, 25.4696**, and if you desaturate by 10%, it is **16.2145, 20.1955, 25.5981**.

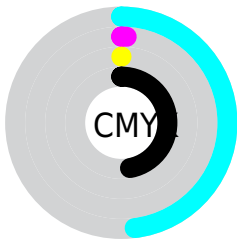
Distribution



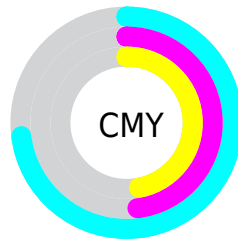
- Red (27%)
- Green (52%)
- Blue (53%)



- Red (27%)
- Yellow (40%)
- Blue (53%)



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



- Cyan (73%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0801, 19.5258, 25.5283 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 15.0801, 19.5258, 25.5283 by changing the saturation by 10% instead.

■ 15.0801, 19.5258,
25.5283

■ 15.0801, 19.5258,
25.5283

217.2293,
249.3363, 293.9902

■ 8.9623, 12.0508,
16.2485

■ 34.5641, 42.6207,
53.4877

■ 4.7735, 6.7783,
9.5439

■ 48.6611, 59.0094,
73.0044

■ 2.1484, 3.3238,
4.9960

■ 66.1485, 79.1382,
96.7704

■ 0.7153, 1.3030,
2.1862

■ 87.3917, 103.3914,
125.2044

■ 0.0000, 0.1436,
0.6664

■ 112.7560,
132.1534, 158.7248

■ 0.0000, 0.0000,
0.0000

142.6068,

165.8086, 197.7502

177.3094,
204.7414, 242.6992

■ 15.0801, 19.5258,
25.5283

■ 15.0801, 19.5258,
25.5283

■ 14.1628, 18.9693,
25.4696

■ 16.2145, 20.1955,
25.5981

■ 13.4464, 18.5162,
25.4199

■ 17.5775, 20.9829,
25.6783

■ 12.9151, 18.1589,
25.3789

■ 19.1817, 21.8950,
25.7698

■ 12.5501, 17.8877,
25.3458

■ 21.0385, 22.9376,
25.8732

■ 12.3113, 17.6818,
25.3187

■ 23.1584, 24.1163,
25.9889

■ 12.2613, 17.6376,
25.3127

■ 25.5514, 25.4360,
26.1175

■ 28.2269, 26.9018,
26.2594

■ 31.1939, 28.5181,
26.4150

■ 34.4611, 30.2895,
26.5848

Harmonies

Analogous

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



14.9053, 19.5258, 19.4575



15.0801, 19.5258, 25.5283



16.1483, 19.5258, 31.3339

Triad

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



15.0801, 19.5258, 25.5283



21.8052, 19.5258, 29.3356



19.2144, 19.5258, 11.8872

Complementary

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



15.0801, 19.5258, 25.5283



13.2547, 10.1456, 7.0545

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.



21.1978, 19.5258, 13.6165



15.0801, 19.5258, 25.5283



22.7650, 19.5258, 23.1711

Square

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



15.0801, 19.5258, 25.5283



19.9946, 19.5258, 33.7999



22.5349, 19.5258, 17.4966



17.1932, 19.5258, 12.2833

Rectangle

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



15.0801, 19.5258, 25.5283



17.2701, 19.5258, 33.9147



22.5349, 19.5258, 17.4966



19.9098, 19.5258, 12.2250

Sweetspot

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



15.0807, 19.5266, 25.5288



34.8736, 39.1838, 45.4636



12.1908, 18.8085, 8.9608



7.7246, 8.7534, 10.2351



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.



15.0807, 19.5266, 25.5288



24.8826, 33.3779, 44.8695



11.4765, 12.3182, 24.3274



4.7895, 5.2546, 5.9626



11.4920, 16.5318, 23.7220



0.0408, 0.0592, 0.0825

Inverse Universe

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



16.1870, 11.1151, 23.1228



27.0940, 16.8170, 40.0037



15.7943, 15.2248, 7.9010



4.8518, 4.7604, 5.8318



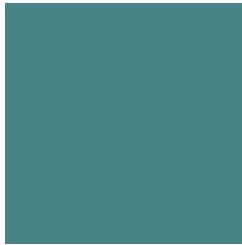
12.9787, 6.2558, 20.2581



0.0455, 0.0219, 0.0728

Previews

White Background



This preview shows how the XYZ color 15.0801, 19.5258, 25.5283 looks on a white background.

Color Contrast Check

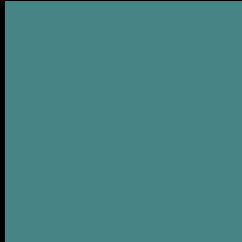
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0801, 19.5258, 25.5283 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 15.0801, 19.5258, 25.5283

Background



This preview shows how black text looks on a background with the XYZ color 15.0801, 19.5258, 25.5283.



This preview shows how white text looks on a background with the XYZ color 15.0801, 19.5258,

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

15.0801, 19.5258, 25.5283

Protanopia

18.6942, 19.3446, 22.8273

Deuteranopia

19.5980, 19.1986, 26.3397



Tritanopia

15.5965, 19.5334, 28.1476

Trichromacy



Original Color

15.0801, 19.5258, 25.5283

Protanomaly

16.9564, 19.1625, 23.9241

Deuteranomaly

17.4708, 19.0077, 26.0406

Tritanomaly

15.3023, 19.4072, 26.9842

Monochromacy



Original Color

15.0801, 19.5258, 25.5283

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 15.0801, 19.5258, 25.5283 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(70, 132, 134)` looks like.

```
.text, #text, p{  
    color:rgb(70, 132, 134)  
}
```

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(70, 132, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 132, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.0801, 19.5258, 25.5283 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(70, 132, 134) }
```


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

```
.border{ border-color:rgb(70, 132, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 132, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 132, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 132, 134);  
box-shadow:4px 4px 4px 4px rgb(70, 132,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0801, 19.5258, 25.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 132, 134) }
```

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

```
.background{ background-color: rgb(70, 132,  
134) }
```

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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