

Converting Colors

XYZ(15.7402, 19.4509, 23.9545)

Have a look what the booklet for
XYZ(15.7402, 19.4509, 23.9545)
contains.

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Color

**XYZ(15.7582, 19.5083,
24.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	558282
RGB	85, 130, 130
RGB Percent	33%, 51%, 51%
CMY	0.6667, 0.4902, 0.4902
CMYK	0.35, 0.00, 0.00, 0.49
HSL	180°, 21%, 42%
HSV	180°, 35%, 51%
XYZ	15.7582, 19.5083, 24.0540
YIQ	116.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

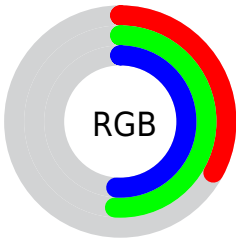
Format	Color
R_{YB}	85, 108, 130
Decimal	5603970
CIE _{Lab}	51.28, -15.31, -4.91
CIE _{LCh}	51, 16.074, 197.783
Yxy	19.5083, 0.2656, 0.3289
Android (android.graphics.Color)	4283794050 (0xFF558282)
YUV	116.5450, 6.6333, -27.6650
Hunter-Lab	44.1682, -13.6097, -1.3716

Details

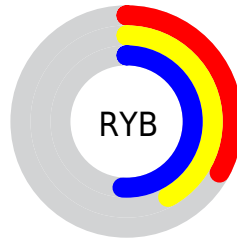
The XYZ color **15.7582, 19.5083, 24.0540** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.0948, 11.8992, 10.1490**, and the grayscale version is **16.7545, 17.6271, 19.1959**.

A 20% lighter version of the original color is **35.7973, 42.6042, 51.1365**, and **5.1208, 6.8363, 8.8342** is the 20% darker color. If you saturate the color by 10%, you get **14.6849, 18.9555, 24.0040**, and if you desaturate by 10%, it is **17.0496, 20.1745, 24.1150**.

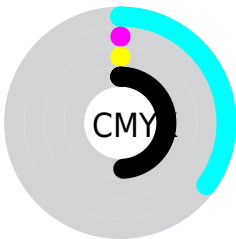
Distribution



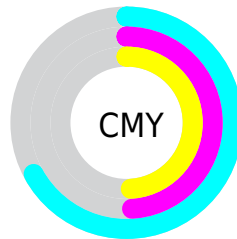
- Red (33%)
- Green (51%)
- Blue (51%)



- Red (33%)
- Yellow (42%)
- Blue (51%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7582, 19.5083, 24.0540 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 15.7582, 19.5083, 24.0540 by changing the saturation by 10% instead.

■ 15.7582, 19.5083,
24.0540

■ 15.7582, 19.5083,
24.0540

221.2092,
249.2407, 286.3887

■ 9.4430, 12.0381,
15.1611

■ 35.7388, 42.5913,
51.0632

■ 5.0906, 6.7697,
8.7847

■ 50.1348, 58.9728,
70.0167

■ 2.3358, 3.3185,
4.5061

■ 67.9552, 79.0937,
93.1607

■ 0.8129, 1.3002,
1.9069

■ 89.5652, 103.3382,
120.9139

■ 0.0000, 0.1413,
0.4971

■ 115.3303,
132.0908, 153.6947

■ 0.0000, 0.0000,
0.0000

145.6157,

165.7358, 191.9218

180.7869,
204.6576, 236.0136

■ 15.7582, 19.5083,
24.0540

■ 15.7582, 19.5083,
24.0540

■ 14.6849, 18.9555,
24.0040

■ 17.0496, 20.1745,
24.1150

■ 13.8159, 18.5075,
23.9632

■ 18.5682, 20.9574,
24.1863

■ 13.1390, 18.1585,
23.9313

■ 20.3250, 21.8630,
24.2687

■ 12.6394, 17.9010,
23.9077

■ 22.3294, 22.8964,
24.3627

■ 12.3006, 17.7264,
23.8917

■ 24.5907, 24.0621,
24.4687

■ 12.0997, 17.6228,
23.8821

■ 27.1174, 25.3647,
24.5871

■ 12.0121, 17.5776,
23.8779

■ 29.9179, 26.8083,
24.7184

■ 32.9998, 28.3971,
24.8628

■ 36.3709, 30.1350,
25.0207

Harmonies

Analogous

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



15.6888, 19.5083, 19.4268



15.7582, 19.5083, 24.0540



16.5464, 19.5083, 28.4755

Triad

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



15.7582, 19.5083, 24.0540



20.9207, 19.5083, 27.7446



19.2022, 19.5083, 13.7267

Complementary

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



15.7582, 19.5083, 24.0540



14.0948, 11.8992, 10.1490

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.



20.6921, 19.5083, 15.3494



15.7582, 19.5083, 24.0540



21.7219, 19.5083, 23.1653

Square

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



15.7582, 19.5083, 24.0540



19.4998, 19.5083, 30.8084



21.6359, 19.5083, 18.6567



17.6162, 19.5083, 13.8932

Rectangle

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



15.7582, 19.5083, 24.0540



17.4004, 19.5083, 30.5100



21.6359, 19.5083, 18.6567



19.7326, 19.5083, 14.0700

Sweetspot

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



15.7588, 19.5091, 24.0544



34.0038, 37.5789, 42.6534



13.4377, 18.5885, 11.4744



7.6161, 8.4643, 9.6506



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.7588, 19.5091, 24.0544



26.1491, 33.5297, 42.2848



13.1651, 14.3215, 23.1905



4.4464, 4.8869, 5.5221



11.5172, 16.8535, 22.8942



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0948, 11.8992, 10.1490



22.7306, 17.8957, 13.7168



16.0780, 15.8657, 10.8097



4.3278, 4.3443, 4.5306



8.8271, 4.5505, 0.4132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7582, 19.5083, 24.0540 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 15.7582, 19.5083, 24.0540 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

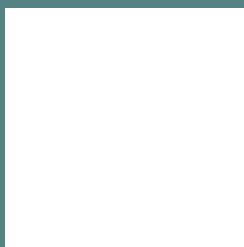
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7582, 19.5083, 24.0540

Background



This preview shows how black text looks on a background with the XYZ color 15.7582, 19.5083, 24.0540.



This preview shows how white text looks on a background with the XYZ color 15.7582, 19.5083,

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

15.7582, 19.5083, 24.0540

Protanopia

18.7074, 19.3664, 22.1541

Deuteranopia

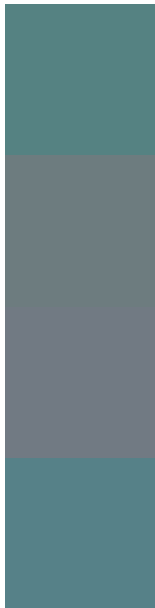
19.6966, 19.2899, 24.5150



Tritanopia

16.4409, 19.5908, 27.3410

Trichromacy



Original Color

15.7582, 19.5083, 24.0540

Protanomaly

17.3451, 19.1988, 22.8702

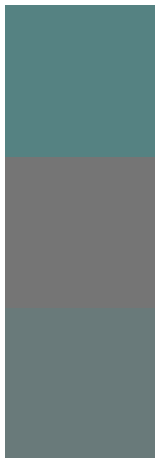
Deuteranomaly

17.8663, 19.0685, 24.2117

Tritanomaly

16.1319, 19.4565, 26.1978

Monochromacy



Original Color

15.7582, 19.5083, 24.0540

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2981, 18.3275, 21.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7582, 19.5083, 24.0540 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(85, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(85, 130, 130)  
}
```

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(85, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.7582, 19.5083, 24.0540 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(85, 130, 130) }
```


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

```
.border{ border-color:rgb(85, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(85, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7582, 19.5083, 24.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 130, 130) }
```

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

```
.background{ background-color: rgb(85, 130,  
130) }
```

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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