

Converting Colors

XYZ(15.0751, 19.8820, 14.8166)

Have a look what the booklet for
XYZ(15.0751, 19.8820, 14.8166)
contains.

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Color

**XYZ(15.1539, 20.0031,
14.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8563
RGB	93, 133, 99
RGB Percent	36%, 52%, 39%
CMY	0.6353, 0.4784, 0.6118
CMYK	0.30, 0.00, 0.26, 0.48
HSL	129°, 18%, 44%
HSV	129°, 30%, 52%
XYZ	15.1539, 20.0031, 14.8667
YIQ	117.1640, -12.9260, -19.0540

Conversions

Conversions Part 2

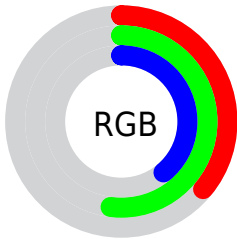
Format	Color
RYB	93, 128, 133
Decimal	6128995
CIELab	51.84, -21.29, 13.98
CIELCh	52, 25.473, 146.715
Yxy	20.0031, 0.3029, 0.3999
Android (android.graphics.Color)	4284319075 (0xFF5D8563)
YUV	117.1640, -8.9549, -21.1918
Hunter-Lab	44.7248, -17.7881, 11.5992

Details

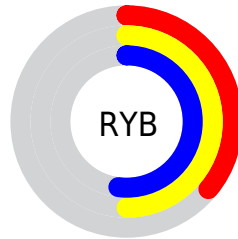
The XYZ color **15.1539, 20.0031, 14.8667** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4187, 14.3480, 21.9309**, and the grayscale version is **16.9896, 17.8744, 19.4652**.

A 20% lighter version of the original color is **34.5655, 43.2491, 35.3803**, and **4.7953, 6.9923, 4.3457** is the 20% darker color. If you saturate the color by 10%, you get **13.4199, 19.1679, 12.1591**, and if you desaturate by 10%, it is **17.1989, 20.9910, 17.9847**.

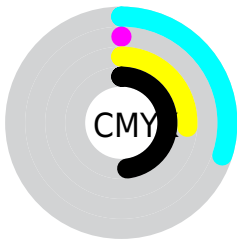
Distribution



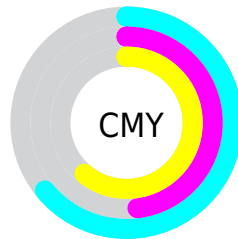
- Red (36%)
- Green (52%)
- Blue (39%)



- Red (36%)
- Yellow (50%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1539, 20.0031, 14.8667 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 15.1539, 20.0031, 14.8667 by changing the saturation by 10% instead.

■ 15.1539, 20.0031,
14.8667

■ 15.1539, 20.0031,
14.8667

217.6658,
251.9319, 234.1709

■ 9.0145, 12.3973,
8.5803

■ 34.6924, 43.4224,
35.3582

■ 4.8078, 7.0149,
4.3754

■ 48.8222, 60.0046,
50.4003

■ 2.1685, 3.4714,
1.8335

■ 66.3461, 80.3479,
69.1981

■ 0.7261, 1.3825,
0.4499

■ 87.6296, 104.8364,
92.1701

■ 0.0000, 0.2038,
0.0000

113.0379,
133.8547, 119.7348

■ 0.0000, 0.0000,
0.0000

142.9365,

167.7871, 152.3108

177.6907,
207.0180, 190.3167

■ 15.1539, 20.0031,
14.8667

■ 15.1539, 20.0031,
14.8667

■ 13.4199, 19.1679,
12.1591

■ 17.1989, 20.9910,
17.9847

■ 11.9799, 18.4753,
9.8436

■ 19.5674, 22.1360,
21.5279

■ 10.8180, 17.9181,
7.9024


■ 22.2732, 23.4456,
25.5118


■ 9.9159, 17.4873,
6.3158


■ 25.3290, 24.9258,
29.9509


■ 9.2533, 17.1727,
5.0623

■ 28.7467, 26.5826,
34.8590


 8.8064, 16.9628,
4.1181

 32.5375, 28.4215,
40.2492

 8.5138, 16.8262,
3.4586

 36.7124, 30.4478,
46.1342

 41.2818, 32.6666,
52.5262

 46.2557, 35.0829,
59.4371

Harmonies

Analogous

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



16.8650, 20.0031, 11.3814



15.1539, 20.0031, 14.8667



14.4707, 20.0031, 20.9747

Triad

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



15.1539, 20.0031, 14.8667



18.7290, 20.0031, 39.2993



23.8050, 20.0031, 15.9887

Complementary

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



15.1539, 20.0031, 14.8667



17.4187, 14.3480, 21.9309

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.



24.4168, 20.0031, 22.6056



15.1539, 20.0031, 14.8667



21.3346, 20.0031, 37.1240

Square

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



15.1539, 20.0031, 14.8667



16.4138, 20.0031, 35.9726



23.4757, 20.0031, 30.5600



21.8716, 20.0031, 11.9187

Rectangle

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



15.1539, 20.0031, 14.8667



14.6396, 20.0031, 26.1343



23.4757, 20.0031, 30.5600



24.1792, 20.0031, 17.9383

Sweetspot

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



15.1544, 20.0039, 14.8671



35.4374, 39.8318, 39.1402



19.1165, 22.0784, 13.6102



7.8542, 8.9111, 8.6259



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.



15.1544, 20.0039, 14.8671



24.9837, 34.7831, 23.2746



16.2321, 20.4350, 20.5423



4.6427, 5.2153, 5.1296



8.1112, 16.0273, 3.3051



0.0298, 0.0562, 0.0203

Inverse Universe

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



17.4187, 14.3480, 21.9309



29.7081, 22.9752, 38.0080



16.2417, 13.8772, 15.7329



4.8287, 4.7512, 5.7101



12.0577, 5.8874, 15.4080



0.0438, 0.0212, 0.0640

Previews

White Background



This preview shows how the XYZ color 15.1539, 20.0031, 14.8667 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 15.1539, 20.0031, 14.8667 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 15.1539, 20.0031, 14.8667

Background



This preview shows how black text looks on a background with the XYZ color 15.1539, 20.0031, 14.8667.



This preview shows how white text looks on a background with the XYZ color 15.1539, 20.0031,

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

15.1539, 20.0031, 14.8667

Protanopia

18.6191, 19.8796, 13.4455

Deuteranopia

20.0320, 19.6670, 15.3107



Tritanopia

17.5621, 19.9826, 26.9762

Trichromacy



Original Color

15.1539, 20.0031, 14.8667

Protanomaly

17.1719, 19.8748, 13.9975

Deuteranomaly

17.7441, 19.3906, 15.1195

Tritanomaly

16.5505, 19.9619, 22.0495

Monochromacy



Original Color

15.1539, 20.0031, 14.8667

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.0818, 18.4799, 17.4712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1539, 20.0031, 14.8667 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(93, 133, 99)` looks like.

```
.text, #text, p{  
    color:rgb(93, 133, 99)  
}
```

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(93, 133, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 133, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.1539, 20.0031, 14.8667 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(93, 133, 99) }
```


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

```
.border{ border-color:rgb(93, 133, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 133, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 133, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 133, 99);  
box-shadow:4px 4px 4px 4px rgb(93, 133,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1539, 20.0031, 14.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 133, 99) }
```

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

```
.background{ background-color: rgb(93, 133,  
99) }
```

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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