

Converting Colors

XYZ(19.9873, 26.0613, 15.4476)

Have a look what the booklet for
XYZ(19.9873, 26.0613, 15.4476)
contains.

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Color

**XYZ(20.0223, 26.0216,
15.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	739562
RGB	115, 149, 98
RGB Percent	45%, 58%, 38%
CMY	0.5490, 0.4157, 0.6157
CMYK	0.23, 0.00, 0.34, 0.42
HSL	100°, 21%, 48%
HSV	100°, 34%, 58%
XYZ	20.0223, 26.0216, 15.5227
YIQ	133.0200, -3.8930, -23.0690

Conversions

Conversions Part 2

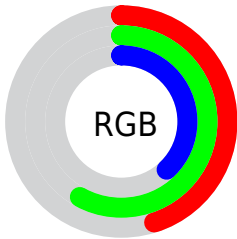
Format	Color
R_{YB}	98, 149, 132
Decimal	7574882
CIE _{Lab}	58.06, -21.71, 23.21
CIE _{LCh}	58, 31.776, 133.090
Yxy	26.0216, 0.3252, 0.4227
Android (android.graphics.Color)	4285764962 (0xFF739562)
YUV	133.0200, -17.2649, -15.8035
Hunter-Lab	51.0114, -19.2075, 17.6661

Details

The XYZ color **20.0223, 26.0216, 15.5227** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3094, 15.8116, 30.4694**, and the grayscale version is **22.3641, 23.5288, 25.6228**.

A 20% lighter version of the original color is **42.9292, 53.2066, 36.4411**, and **7.1452, 10.0982, 4.7045** is the 20% darker color. If you saturate the color by 10%, you get **18.1467, 25.1294, 12.0982**, and if you desaturate by 10%, it is **22.1710, 27.0411, 19.6448**.

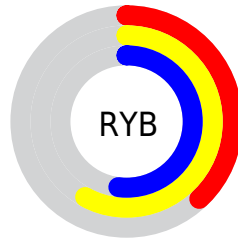
Distribution



Red (45%)

Green (58%)

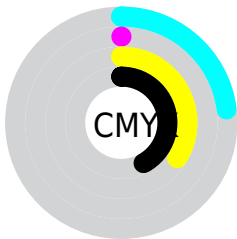
Blue (38%)



Red (38%)

Yellow (58%)

Blue (52%)

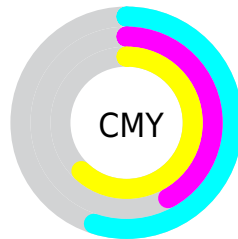


Cyan (23%)

Magenta (0%)

Yellow (34%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0223, 26.0216, 15.5227 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 20.0223, 26.0216, 15.5227 by changing the saturation by 10% instead.

■ 20.0223, 26.0216,
15.5227

■ 20.0223, 26.0216,
15.5227

244.8671,
282.8881, 238.2573

■ 12.5196, 16.8398,
9.0364

■ 42.9582, 53.3098,
36.5228

■ 7.1733, 10.1203,
4.6678

■ 59.1222, 72.1850,
51.8736

■ 3.6180, 5.4788,
1.9984

■ 78.9039, 95.0601,
71.0163

■ 1.4884, 2.5308,
0.5543

■ 102.6688,
122.3195, 94.3694

■ 0.3179, 0.8920,
0.0000

130.7822,
154.3476, 122.3516

■ 0.0000, 0.0000,
0.0000

163.6095,

191.5288, 155.3812

201.5160,
234.2475, 193.8770

■ 20.0223, 26.0216,
15.5227

■ 20.0223, 26.0216,
15.5227

■ 18.1467, 25.1294,
12.0982

■ 22.1710, 27.0411,
19.6448

■ 16.5306, 24.3558,
9.3309

■ 24.6018, 28.1893,
24.4984

■ 15.1619, 23.6964,
7.1793


■ 27.3257, 29.4720,
30.1171


■ 14.0267, 23.1450,
5.5959


■ 30.3525, 30.8935,
36.5322


■ 13.1096, 22.6950,
4.5268


■ 33.6915, 32.4580,
43.7730


 12.3924, 22.3383,
3.9055

 37.3516, 34.1695,
51.8674

 12.0468, 22.1655,
3.6434

 41.3413, 36.0317,
60.8420

 45.6688, 38.0484,
70.7223

 50.3420, 40.2232,
81.5326

Harmonies

Analogous

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



23.0973, 26.0216, 12.3202



20.0223, 26.0216, 15.5227



18.3177, 26.0216, 22.6149

Triad

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



20.0223, 26.0216, 15.5227



22.6460, 26.0216, 53.7732



32.6470, 26.0216, 23.8072

Complementary

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



20.0223, 26.0216, 15.5227



19.3094, 15.8116, 30.4694

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.



32.4939, 26.0216, 34.9420



20.0223, 26.0216, 15.5227



26.4436, 26.0216, 54.3345

Square

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



20.0223, 26.0216, 15.5227



19.7214, 26.0216, 45.3799



30.1295, 26.0216, 46.7585



30.5283, 26.0216, 16.1999

Rectangle

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



20.0223, 26.0216, 15.5227



18.0662, 26.0216, 29.4888



30.1295, 26.0216, 46.7585



32.8655, 26.0216, 27.2080

Sweetspot

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



20.0230, 26.0227, 15.5233



45.9561, 51.3762, 47.7539



22.8514, 23.7751, 14.9404



10.0500, 11.3223, 10.3068



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.0230, 26.0227, 15.5233



33.2589, 45.3647, 23.0252



18.4129, 25.1438, 17.6557



5.9009, 6.5567, 6.1950



10.1675, 18.6694, 3.0677



0.1533, 0.2434, 0.0389

Inverse Universe

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



19.3094, 15.8116, 30.4694



31.7745, 24.2480, 53.9269



21.5337, 17.0339, 27.1588



5.8494, 5.8134, 7.2835



8.9599, 4.0916, 24.2485



0.1410, 0.0662, 0.2983

Previews

White Background



This preview shows how the XYZ color 20.0223, 26.0216, 15.5227 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 20.0223, 26.0216, 15.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

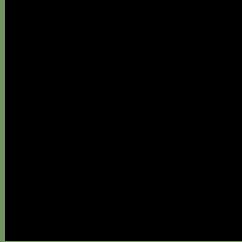
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0223, 26.0216, 15.5227

Background



This preview shows how black text looks on a background with the XYZ color 20.0223, 26.0216, 15.5227.



This preview shows how white text looks on a background with the XYZ color 20.0223, 26.0216,

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

20.0223, 26.0216, 15.5227

Protanopia

24.0155, 25.8527, 14.3140

Deuteranopia

26.2535, 25.7140, 15.8915



Tritanopia

23.7350, 25.9310, 33.8912

Trichromacy



Original Color

20.0223, 26.0216, 15.5227

Protanomaly

22.3693, 25.8744, 14.6417

Deuteranomaly

23.5655, 25.5884, 15.7536

Tritanomaly

22.2442, 26.0092, 26.0382

Monochromacy



Original Color

20.0223, 26.0216, 15.5227

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.2270, 24.2569, 21.3326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0223, 26.0216, 15.5227 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(115, 149, 98)` looks like.

```
.text, #text, p{  
    color:rgb(115, 149, 98)  
}
```

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(115, 149, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 149, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.0223, 26.0216, 15.5227 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(115, 149, 98) }
```


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

```
.border{ border-color:rgb(115, 149, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 149, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 149, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 149, 98);  
box-shadow:4px 4px 4px 4px rgb(115, 149,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0223, 26.0216, 15.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 149, 98) }
```

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

```
.background{ background-color: rgb(115,  
149, 98) }
```

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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