

Converting Colors

XYZ(25.3631, 20.2923, 15.1619)

Have a look what the booklet for
XYZ(25.3631, 20.2923, 15.1619)
contains.

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Color

**XYZ(25.3543, 20.2926,
15.1509)**

Conversions

Conversions Part 1

Format	Color
Hex	B06966
RGB	176, 105, 102
RGB Percent	69%, 41%, 40%
CMY	0.3098, 0.5882, 0.6000
CMYK	0.00, 0.40, 0.42, 0.31
HSL	2°, 32%, 55%
HSV	2°, 42%, 69%
XYZ	25.3543, 20.2926, 15.1509
YIQ	125.8870, 43.2790, 14.1190

Conversions

Conversions Part 2

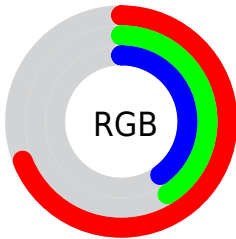
Format	Color
R_{YB}	176, 105, 102
Decimal	11561318
CIE _{Lab}	52.17, 28.04, 13.89
CIE _{LCh}	52, 31.296, 26.347
Yxy	20.2926, 0.4170, 0.3338
Android (android.graphics.Color)	4289751398 (0xFFB06966)
YUV	125.8870, -11.7763, 43.9491
Hunter-Lab	45.0473, 21.6336, 11.5919

Details

The XYZ color **25.3543, 20.2926, 15.1509** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2586, 35.8446, 46.5034**, and the grayscale version is **19.8218, 20.8541, 22.7101**.

A 20% lighter version of the original color is **51.7384, 43.9063, 35.8848**, and **9.9889, 7.1691, 4.4717** is the 20% darker color. If you saturate the color by 10%, you get **23.0200, 16.8756, 10.5141**, and if you desaturate by 10%, it is **28.2165, 24.4687, 20.8783**.

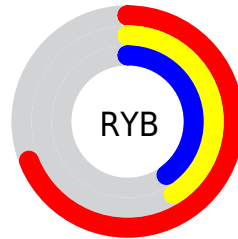
Distribution



Red (69%)

Green (41%)

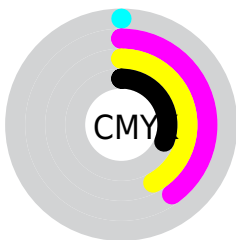
Blue (40%)



Red (69%)

Yellow (41%)

Blue (40%)

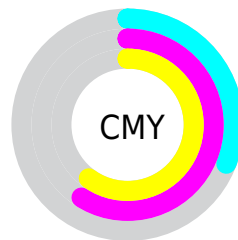


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (31%)



Cyan (31%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3543, 20.2926, 15.1509 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 25.3543, 20.2926, 15.1509 by changing the saturation by 10% instead.

■ 25.3543, 20.2926,
15.1509

■ 25.3543, 20.2926,
15.1509

271.9130,
253.4948, 235.9499

■ 16.4714, 12.6079,
8.7776

■ 51.6702, 43.9072,
35.8637

■ 9.9513, 7.1591,
4.5016

■ 69.8338, 60.6059,
51.0403

■ 5.4287, 3.5618,
1.9043

■ 91.8218, 81.0781,
69.9884

■ 2.5382, 1.4316,
0.4955

■ 117.9993,
105.7081, 93.1264

■ 0.9146, 0.2398,
0.0000

148.7319,
134.8804, 120.8731

■ 0.0000, 0.0000,
0.0000

184.3848,

168.9794, 153.6469

225.3234,
208.3893, 191.8663

■ 25.3543, 20.2926,
15.1509

■ 25.3543, 20.2926,
15.1509

■ 23.0200, 16.8756,
10.5141

■ 28.2165, 24.4687,
20.8783

■ 21.1797, 14.1693,
6.8976

■ 31.6344, 29.4424,
27.7581

■ 19.7985, 12.1245,
4.2248


■ 35.6358, 35.2534,
35.8490


■ 18.8358, 10.6844,
2.4078


■ 40.2461, 41.9376,
45.2053


■ 18.2442, 9.7827,
1.3422


■ 45.4894, 49.5291,
55.8780

 17.9820, 9.3852,
0.8638

 51.3883, 58.0601,
67.9154

 57.9643, 67.5610,
81.3632

 65.2380, 78.0612,
96.2650

 71.7144, 87.9701,
107.8079

Harmonies

Analogous

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



26.1150, 20.2926, 23.2388



25.3543, 20.2926, 15.1509



22.9084, 20.2926, 10.4187

Triad

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



25.3543, 20.2926, 15.1509



14.5987, 20.2926, 13.6863



18.8975, 20.2926, 44.8056

Complementary

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



25.3543, 20.2926, 15.1509



28.2586, 35.8446, 46.5034

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.



16.0698, 20.2926, 40.2852



25.3543, 20.2926, 15.1509



13.7675, 20.2926, 20.9897

Square

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



25.3543, 20.2926, 15.1509



16.6795, 20.2926, 9.7522



14.2750, 20.2926, 30.8910



22.1541, 20.2926, 41.9868

Rectangle

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



25.3543, 20.2926, 15.1509



20.7791, 20.2926, 8.9987



14.2750, 20.2926, 30.8910



17.8691, 20.2926, 44.0681

Sweetspot

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



25.3548, 20.2936, 15.1513



63.7169, 62.6105, 63.1653



30.2504, 21.7708, 42.4139



13.4539, 13.0541, 12.9713



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.3548, 20.2936, 15.1513



42.1986, 31.2637, 19.9547



29.8966, 29.3771, 16.6652



8.5231, 8.5587, 8.8553



13.2043, 6.9072, 0.6373



0.4246, 0.2356, 0.0231

Inverse Universe

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



28.2586, 35.8446, 46.5034



48.1324, 63.0775, 84.1336



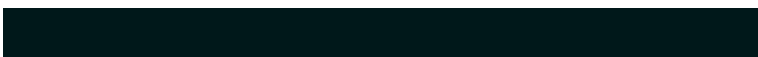
22.1955, 23.7184, 44.4823



8.7125, 9.5712, 10.8946



16.1505, 23.1014, 33.7448



0.5172, 0.7450, 1.0648

Previews

White Background



This preview shows how the XYZ color 25.3543, 20.2926, 15.1509 looks on a white background.

Color Contrast Check

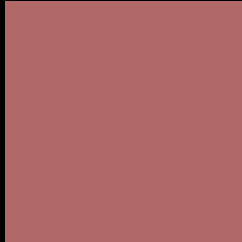
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3543, 20.2926, 15.1509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

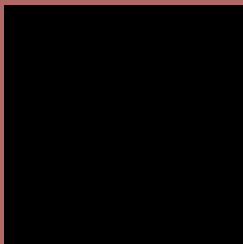
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3543, 20.2926, 15.1509

Background



This preview shows how black text looks on a background with the XYZ color 25.3543, 20.2926, 15.1509.



This preview shows how white text looks on a background with the XYZ color 25.3543, 20.2926,

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

25.3543, 20.2926, 15.1509

Protanopia

19.3382, 20.3310, 18.2343

Deuteranopia

20.8227, 20.4448, 14.6531



Tritanopia

25.9510, 20.3954, 17.6079

Trichromacy



Original Color

25.3543, 20.2926, 15.1509

Protanomaly

21.1007, 20.0083, 16.9372

Deuteranomaly

22.3356, 20.3497, 14.8073

Tritanomaly

25.7886, 20.3305, 16.7523

Monochromacy



Original Color

25.3543, 20.2926, 15.1509

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.1909, 20.1705, 19.6060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3543, 20.2926, 15.1509 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(176, 105, 102)` looks like.

```
.text, #text, p{  
    color:rgb(176, 105, 102)  
}
```

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(176, 105, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 105, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.3543, 20.2926, 15.1509 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(176, 105, 102) }
```


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

```
.border{ border-color:rgb(176, 105, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 105, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 105, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 105, 102);  
box-shadow:4px 4px 4px 4px rgb(176, 105,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3543, 20.2926, 15.1509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 105, 102) }
```

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

```
.background{ background-color: rgb(176,  
105, 102) }
```

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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