

Converting Colors

XYZ(26.6105, 26.1325, 5.3106)

Have a look what the booklet for
XYZ(26.6105, 26.1325, 5.3106)
contains.

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Color

**XYZ(26.6105, 26.1325,
5.3106)**

Conversions

Conversions Part 1

Format	Color
Hex	B08524
RGB	176, 133, 36
RGB Percent	69%, 52%, 14%
CMY	0.3098, 0.4784, 0.8588
CMYK	0.00, 0.24, 0.80, 0.31
HSL	42°, 66%, 42%
HSV	42°, 80%, 69%
XYZ	26.6105, 26.1325, 5.3106
YIQ	134.7990, 56.7650, -21.0510

Conversions

Conversions Part 2

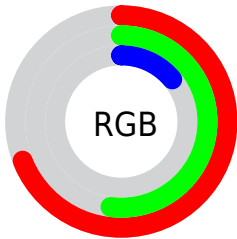
Format	Color
R_{YB}	98, 176, 36
Decimal	11568420
CIE _{Lab}	58.16, 7.43, 54.79
CIE _{LCh}	58, 55.295, 82.278
Yxy	26.1325, 0.4584, 0.4501
Android (android.graphics.Color)	4289758500 (0xFFB08524)
YUV	134.7990, -48.7079, 36.1333
Hunter-Lab	51.1200, 3.4583, 29.6246

Details

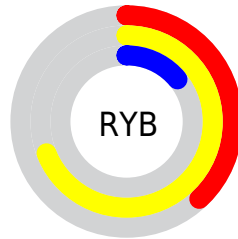
The XYZ color **26.6105, 26.1325, 5.3106** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.3600, 9.1015, 42.2322**, and the grayscale version is **23.1153, 24.3191, 26.4835**.

A 20% lighter version of the original color is **53.6230, 53.5012, 16.9517**, and **10.7781, 10.2626, 1.4128** is the 20% darker color. If you saturate the color by 10%, you get **25.6840, 24.6091, 3.9861**, and if you desaturate by 10%, it is **27.7084, 27.7875, 7.3445**.

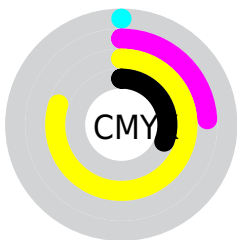
Distribution



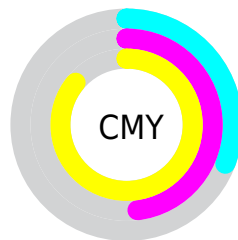
- Red (69%)
- Green (52%)
- Blue (14%)



- Red (38%)
- Yellow (69%)
- Blue (14%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (31%)





- Cyan (31%)
- Magenta (48%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6105, 26.1325, 5.3106 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 26.6105, 26.1325, 5.3106 by changing the saturation by 10% instead.


 26.6105, 26.1325,
5.3106


 26.6105, 26.1325,
5.3106


277.9683,
283.4319, 161.8367


 17.4160, 16.9228,
2.3687


 53.6825, 53.4886,
16.9345


 10.6287, 10.1795,
0.7693


 72.2907, 72.4038,
26.4536

 5.8832, 5.5181,
0.0000

 94.7676, 95.3230,
39.0023

 2.8141, 2.5543,
0.0000

 121.4784,
122.6305, 54.9989

 1.0563, 0.9038,
0.0000

 152.7885,
154.7107, 74.8622

 0.0000, 0.0000,
0.0000

 189.0633,

191.9481, 99.0105

230.6681,
234.7271, 127.8625

■ 26.6105, 26.1325,
5.3106

■ 26.6105, 26.1325,
5.3106

■ 25.6840, 24.6091,
3.9861

■ 27.7084, 27.7875,
7.3445

■ 24.8922, 23.1986,
3.1889

■ 28.9936, 29.5782,
10.1765

■ 24.8575, 23.1362,
3.1556

■ 30.4817, 31.5127,
13.8839

■ 32.1861, 33.5973,
18.5344

■ 34.1189, 35.8377,
24.1890

■ 36.2911, 38.2390,
30.9034

■ 38.7131, 40.8062,
38.7294

■ 41.3944, 43.5440,
47.7153

■ 44.3441, 46.4567,
57.9065

Harmonies

Analogous

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



33.5881, 26.1325, 8.1041



26.6105, 26.1325, 5.3106



20.2652, 26.1325, 6.1411

Triad

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



26.6105, 26.1325, 5.3106



14.7183, 26.1325, 44.8678



36.4921, 26.1325, 57.5411

Complementary

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



26.6105, 26.1325, 5.3106



11.3600, 9.1015, 42.2322

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.



30.0520, 26.1325, 78.1042



26.6105, 26.1325, 5.3106



17.7573, 26.1325, 68.7789

Square

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



26.6105, 26.1325, 5.3106



14.1300, 26.1325, 23.7767



23.1463, 26.1325, 82.9469



39.9249, 26.1325, 33.7073

Rectangle

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



26.6105, 26.1325, 5.3106



17.1370, 26.1325, 8.9485



23.1463, 26.1325, 82.9469



34.5574, 26.1325, 65.4365

Sweetspot

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



26.6111, 26.1338, 5.3111



63.8436, 67.1923, 49.8639



19.9958, 11.0762, 8.7386



13.5442, 14.2368, 9.9119



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.



26.6111, 26.1338, 5.3111



45.5519, 42.7973, 6.1911



28.4830, 37.6937, 7.4437



8.9724, 9.4574, 9.0051



18.2921, 17.0827, 2.3332



0.6243, 0.6350, 0.0897

Inverse Universe

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



11.3600, 9.1015, 42.2322



17.1125, 11.2702, 75.7687



10.4334, 5.4100, 41.5685



8.2478, 8.6418, 10.7396



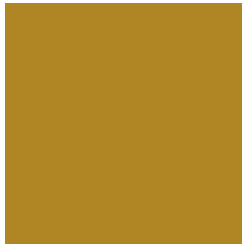
6.7658, 4.3320, 30.6166



0.2659, 0.2424, 0.9810

Previews

White Background



This preview shows how the XYZ color 26.6105, 26.1325, 5.3106 looks on a white background.

Color Contrast Check

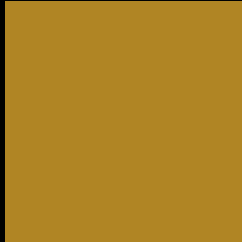
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6105, 26.1325, 5.3106 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 26.6105, 26.1325, 5.3106

Background



This preview shows how black text looks on a background with the XYZ color 26.6105, 26.1325, 5.3106.



This preview shows how white text looks on a background with the XYZ color 26.6105, 26.1325,

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

26.6105, 26.1325, 5.3106

Protanopia

23.6326, 26.0642, 5.6190

Deuteranopia

26.6105, 26.1325, 5.3106



Tritanopia

30.8021, 26.0816, 25.9651

Trichromacy



Original Color

26.6105, 26.1325, 5.3106

Protanomaly

24.5894, 25.9174, 5.4568

Deuteranomaly

26.6105, 26.1325, 5.3106

Tritanomaly

28.6164, 25.7639, 15.0200

Monochromacy



Original Color

26.6105, 26.1325, 5.3106

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3549, 24.4351, 15.2899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6105, 26.1325, 5.3106 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, 133, 36)` looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 36)  
}
```

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, 133, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 36) }
```

Border

The CSS property to change the border of an element to XYZ 26.6105, 26.1325, 5.3106 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, 133, 36) }
```


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

```
.border{ border-color:rgb(176, 133, 36) }
```

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

Here you see how a box with a 4 pixel rgb(176, 133, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 36);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6105, 26.1325, 5.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 36) }
```

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

```
.background{ background-color: rgb(176,  
133, 36) }
```

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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