

Converting Colors

XYZ(27.1886, 26.6365, 5.2985)

Have a look what the booklet for
XYZ(27.1886, 26.6365, 5.2985)
contains.

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Color

**XYZ(27.1886, 26.6365,
5.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	B28623
RGB	178, 134, 35
RGB Percent	70%, 53%, 14%
CMY	0.3020, 0.4745, 0.8627
CMYK	0.00, 0.25, 0.80, 0.30
HSL	42°, 67%, 42%
HSV	42°, 80%, 70%
XYZ	27.1886, 26.6365, 5.2985
YIQ	135.8700, 58.0030, -21.4610

Conversions

Conversions Part 2

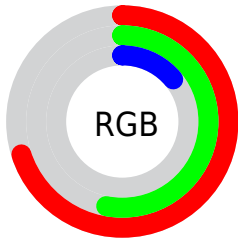
Format	Color
R_{YB}	99, 178, 35
Decimal	11699747
CIE Lab	58.64, 7.74, 55.67
CIE LCh	59, 56.201, 82.085
Yxy	26.6365, 0.4599, 0.4505
Android (android.graphics.Color)	4289889827 (0xFFB28623)
YUV	135.8700, -49.7289, 36.9480
Hunter-Lab	51.6106, 3.7159, 30.0405

Details

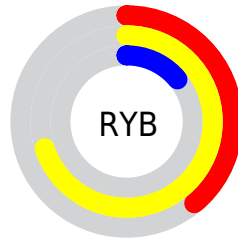
The XYZ color **27.1886, 26.6365, 5.2985** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.5250, 9.1635, 43.2806**, and the grayscale version is **23.5188, 24.7437, 26.9458**.

A 20% lighter version of the original color is **54.4568, 54.2498, 16.8336**, and **11.1337, 10.5619, 1.4519** is the 20% darker color. If you saturate the color by 10%, you get **26.2511, 25.0826, 3.9966**, and if you desaturate by 10%, it is **28.3006, 28.3251, 7.3203**.

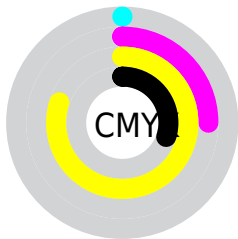
Distribution



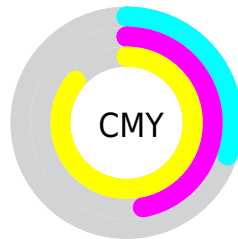
- Red (70%)
- Green (53%)
- Blue (14%)



- Red (39%)
- Yellow (70%)
- Blue (14%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (30%)



- Cyan (30%)
- Magenta (47%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1886, 26.6365, 5.2985 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 27.1886, 26.6365, 5.2985 by changing the saturation by 10% instead.

■ 27.1886, 26.6365,
5.2985

■ 27.1886, 26.6365,
5.2985

280.7201,
285.8928, 161.7186

■ 17.8522, 17.3004,
2.3617

■ 54.6041, 54.3000,
16.9083

■ 10.9430, 10.4489,
0.7655

■ 73.4140, 73.3962,
26.4183

■ 6.0955, 5.6976,
0.0000

■ 96.1124, 96.5146,
38.9565

■ 2.9445, 2.6621,
0.0000

■ 123.0647,
124.0395, 54.9414

■ 1.1245, 0.9580,
0.0000

■ 154.6363,
156.3554, 74.7915

■ 0.0454, 0.0000,
0.0000

■ 191.1924,

■ 0.0000, 0.0000,

193.8467, 98.9254

0.0000

233.0986,
236.8977, 127.7616

■ 27.1886, 26.6365,
5.2985

■ 27.1886, 26.6365,
5.2985

■ 26.2511, 25.0826,
3.9966

■ 28.3006, 28.3251,
7.3203

■ 25.4722, 23.6893,
3.2300

■ 29.6036, 30.1527,
10.1546

■ 31.1140, 32.1277,
13.8819

■ 32.8456, 34.2567,
18.5724

■ 34.8110, 36.5455,
24.2893

■ 37.0215, 38.9995,
31.0905

■ 39.4879, 41.6237,
39.0292

■ 42.2200, 44.4231,
48.1556

■ 45.2273, 47.4022,
58.5164

Harmonies

Analogous

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



34.3771, 26.6365, 8.1667



27.1886, 26.6365, 5.2985



20.6490, 26.6365, 6.1187

Triad

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



27.1886, 26.6365, 5.2985



14.9052, 26.6365, 45.7644



37.2939, 26.6365, 59.1804

Complementary

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



27.1886, 26.6365, 5.2985



11.5250, 9.1635, 43.2806

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.



30.6407, 26.6365, 80.3865



27.1886, 26.6365, 5.2985



18.0078, 26.6365, 70.4973

Square

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



27.1886, 26.6365, 5.2985



14.3180, 26.6365, 24.0783



23.5337, 26.6365, 85.2694



40.8644, 26.6365, 34.5563

Rectangle

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



27.1886, 26.6365, 5.2985



17.4249, 26.6365, 8.9543



23.5337, 26.6365, 85.2694



35.2920, 26.6365, 67.3327

Sweetspot

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



27.1892, 26.6378, 5.2990



65.4458, 68.8708, 51.1043



20.4197, 11.2507, 8.7403



14.1892, 14.9125, 10.3716



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.1892, 26.6378, 5.2990



46.5341, 43.5610, 6.2221



29.1322, 38.6166, 7.5087



8.9720, 9.4566, 9.0050



18.2834, 17.0654, 2.3303



0.6241, 0.6346, 0.0896

Inverse Universe

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



11.5250, 9.1635, 43.2806



17.4004, 11.3122, 77.6475



10.5750, 5.4157, 42.6073



8.2482, 8.6425, 10.7398



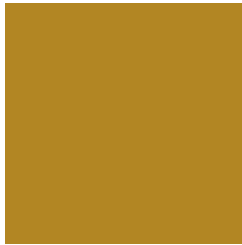
6.7692, 4.3388, 30.6177



0.2661, 0.2427, 0.9811

Previews

White Background



This preview shows how the XYZ color 27.1886, 26.6365, 5.2985 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 27.1886, 26.6365, 5.2985 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 27.1886, 26.6365, 5.2985

Background



This preview shows how black text looks on a background with the XYZ color 27.1886, 26.6365, 5.2985.



This preview shows how white text looks on a background with the XYZ color 27.1886, 26.6365,

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

27.1886, 26.6365, 5.2985

Protanopia

24.3050, 26.8505, 5.6519

Deuteranopia

27.1886, 26.6365, 5.2985



Tritanopia

31.4039, 26.5788, 26.0293

Trichromacy



Original Color

27.1886, 26.6365, 5.2985

Protanomaly

25.2769, 26.6996, 5.4904

Deuteranomaly

27.1886, 26.6365, 5.2985

Tritanomaly

29.2152, 26.2653, 15.0852

Monochromacy



Original Color

27.1886, 26.6365, 5.2985

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6786, 24.8081, 15.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1886, 26.6365, 5.2985 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(178, 134, 35)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 35)  
}
```

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(178, 134, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 35) }
```

Border

The CSS property to change the border of an element to XYZ 27.1886, 26.6365, 5.2985 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(178, 134, 35) }
```


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

```
.border{ border-color:rgb(178, 134, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 134, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 35);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1886, 26.6365, 5.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 35) }
```

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

```
.background{ background-color: rgb(178,  
134, 35) }
```

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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