

Converting Colors

XYZ(28.8969, 26.1199, 19.5359)

Have a look what the booklet for
XYZ(28.8969, 26.1199, 19.5359)
contains.

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Color

**XYZ(29.0190, 26.2625,
19.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	B18172
RGB	177, 129, 114
RGB Percent	69%, 51%, 45%
CMY	0.3059, 0.4941, 0.5529
CMYK	0.00, 0.27, 0.36, 0.31
HSL	14°, 29%, 57%
HSV	14°, 36%, 69%
XYZ	29.0190, 26.2625, 19.4593
YIQ	141.6420, 33.4230, 5.5110

Conversions

Conversions Part 2

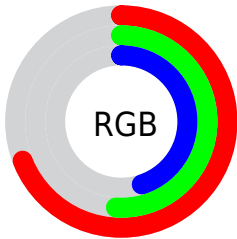
Format	Color
R_{YB}	177, 134, 114
Decimal	11633010
CIE _{Lab}	58.29, 16.48, 15.42
CIE _{LCh}	58, 22.575, 43.093
Yxy	26.2625, 0.3883, 0.3514
Android (android.graphics.Color)	4289823090 (0xFFB18172)
YUV	141.6420, -13.6275, 31.0090
Hunter-Lab	51.2470, 11.3949, 13.3595

Details

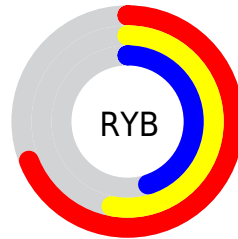
The XYZ color **29.0190, 26.2625, 19.4593** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7952, 32.5914, 46.4209**, and the grayscale version is **25.6132, 26.9470, 29.3453**.

A 20% lighter version of the original color is **57.5426, 53.7015, 43.4090**, and **11.9477, 10.1963, 6.4926** is the 20% darker color. If you saturate the color by 10%, you get **26.4469, 22.5776, 14.1031**, and if you desaturate by 10%, it is **32.0219, 30.4968, 25.9215**.

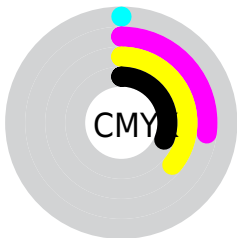
Distribution



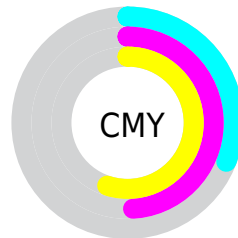
- Red (69%)
- Green (51%)
- Blue (45%)



- Red (69%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0190, 26.2625, 19.4593 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 29.0190, 26.2625, 19.4593 by changing the saturation by 10% instead.

■ 29.0190, 26.2625,
19.4593

■ 29.0190, 26.2625,
19.4593

289.2972,
284.0683, 261.4795

■ 19.2395, 17.0201,
11.8225

■ 57.5046, 53.6981,
43.3558

■ 11.9485, 10.2488,
6.5018

■ 76.9415, 72.6602,
60.4525

■ 6.7806, 5.5643,
3.0789

■ 100.3282, 95.6309,
81.5396

■ 3.3704, 2.5820,
1.1351

128.0302,
122.9946, 107.0356

■ 1.3525, 0.9176,
0.0000

160.4127,
155.1359, 137.3590

■ 0.2220, 0.0000,
0.0000

197.8411,

■ 0.0000, 0.0000,

192.4390, 172.9284

0.0000

240.6808,
235.2883, 214.1624

■ 29.0190, 26.2625,
19.4593

■ 29.0190, 26.2625,
19.4593

■ 26.4469, 22.5776,
14.1031

■ 32.0219, 30.4968,
25.9215

■ 24.2831, 19.4155,
9.7889

■ 35.4725, 35.2981,
33.5456

■ 22.5062, 16.7531,
6.4484


■ 39.3894, 40.6878,
42.3858


■ 21.0918, 14.5641,
4.0044


■ 43.7893, 46.6852,
52.4922


■ 20.0124, 12.8193,
2.3679


■ 48.6883, 53.3085,
63.9122

 19.2351, 11.4860,
1.4272

 54.1015, 60.5753,
76.6907

 18.9649, 11.0139,
1.1263

 60.0437, 68.5025,
90.8706

 66.4317, 77.0674,
105.9819

 70.4813, 85.1667,
107.3318

Harmonies

Analogous

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



30.4653, 26.2625, 25.3050



29.0190, 26.2625, 19.4593



26.5288, 26.2625, 16.4311

Triad

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



29.0190, 26.2625, 19.4593



20.2434, 26.2625, 24.4197



26.1770, 26.2625, 45.9957

Complementary

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



29.0190, 26.2625, 19.4593



27.7952, 32.5914, 46.4209

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.



23.4576, 26.2625, 45.6391



29.0190, 26.2625, 19.4593



20.1644, 26.2625, 32.1593

Square

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



29.0190, 26.2625, 19.4593



21.5257, 26.2625, 18.9140



21.3014, 26.2625, 40.2193



28.7452, 26.2625, 41.1191

Rectangle

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



29.0190, 26.2625, 19.4593



24.6779, 26.2625, 15.9985



21.3014, 26.2625, 40.2193



25.2477, 26.2625, 46.5070

Sweetspot

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



29.0197, 26.2637, 19.4598



66.5152, 67.3375, 66.7789



30.6973, 24.0013, 37.3374



14.2182, 14.3221, 14.0292



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.



29.0197, 26.2637, 19.4598



48.1651, 41.5900, 26.8962



33.7744, 35.7732, 21.0447



8.6552, 8.8230, 8.8994



13.7811, 8.0607, 0.8295



0.4793, 0.3449, 0.0413

Inverse Universe

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



27.7952, 32.5914, 46.4209



45.6151, 54.6373, 82.6372



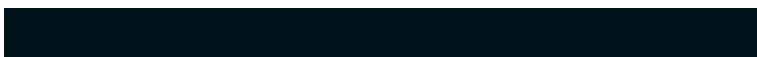
22.9650, 22.9310, 44.8108



8.5678, 9.2817, 10.8463



12.0602, 14.9209, 32.3814



0.4211, 0.5527, 1.0327

Previews

White Background



This preview shows how the XYZ color 29.0190, 26.2625, 19.4593 looks on a white background.

Color Contrast Check

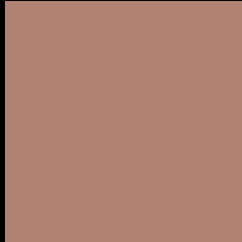
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0190, 26.2625, 19.4593 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 29.0190, 26.2625, 19.4593

Background



This preview shows how black text looks on a background with the XYZ color 29.0190, 26.2625, 19.4593.



This preview shows how white text looks on a background with the XYZ color 29.0190, 26.2625,

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

29.0190, 26.2625, 19.4593

Protanopia

24.9206, 26.3840, 21.2319

Deuteranopia

26.7489, 26.3067, 19.2907



Tritanopia

30.4952, 26.2830, 26.7584

Trichromacy



Original Color

29.0190, 26.2625, 19.4593

Protanomaly

26.3131, 26.2636, 20.5122

Deuteranomaly

27.5166, 26.2921, 19.2474

Tritanomaly

29.8458, 26.2022, 23.9066

Monochromacy



Original Color

29.0190, 26.2625, 19.4593

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6281, 26.5258, 25.5463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0190, 26.2625, 19.4593 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(177, 129, 114)` looks like.

```
.text, #text, p{  
    color:rgb(177, 129, 114)  
}
```

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(177, 129, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 129, 114) }
```

Border

The CSS property to change the border of an element to XYZ 29.0190, 26.2625, 19.4593 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(177, 129, 114) }
```


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

```
.border{ border-color:rgb(177, 129, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 129, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 129, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 129, 114);  
box-shadow:4px 4px 4px 4px rgb(177, 129,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0190, 26.2625, 19.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 129, 114) }
```

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

```
.background{ background-color: rgb(177,  
129, 114) }
```

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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