

Converting Colors

XYZ(30.1251, 26.6421, 23.8049)

Have a look what the booklet for
XYZ(30.1251, 26.6421, 23.8049)
contains.

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Color

**XYZ(30.3369, 26.8427,
24.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	B38180
RGB	179, 129, 128
RGB Percent	70%, 51%, 50%
CMY	0.2980, 0.4941, 0.4980
CMYK	0.00, 0.28, 0.28, 0.30
HSL	1°, 25%, 60%
HSV	1°, 28%, 70%
XYZ	30.3369, 26.8427, 24.0043
YIQ	143.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

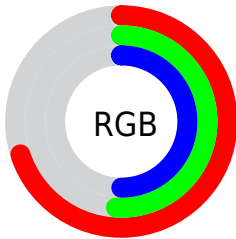
Format	Color
RYB	179, 129, 128
Decimal	11764096
CIELab	58.83, 19.17, 8.19
CIELCh	59, 20.844, 23.149
Yxy	26.8427, 0.3737, 0.3306
Android (android.graphics.Color)	4289954176 (0xFFB38180)
YUV	143.8360, -7.8071, 30.8388
Hunter-Lab	51.8099, 13.8519, 8.7970

Details

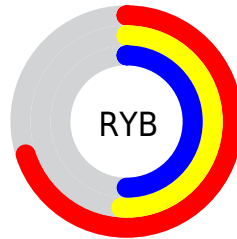
The XYZ color **30.3369, 26.8427, 24.0043** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9586, 39.6833, 48.5704**, and the grayscale version is **26.4658, 27.8440, 30.3222**.

A 20% lighter version of the original color is **59.6605, 54.6250, 51.1153**, and **12.6647, 10.5165, 8.7595** is the 20% darker color. If you saturate the color by 10%, you get **27.1448, 22.1805, 17.6313**, and if you desaturate by 10%, it is **34.1353, 32.3844, 31.6055**.

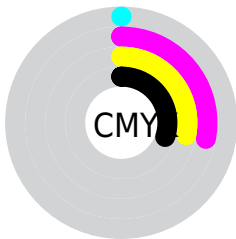
Distribution



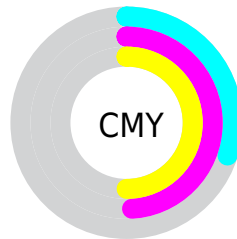
- Red (70%)
- Green (51%)
- Blue (50%)



- Red (70%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (28%)
- Black (30%)





- Cyan (30%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3369, 26.8427, 24.0043 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 30.3369, 26.8427, 24.0043 by changing the saturation by 10% instead.


 30.3369, 26.8427,
24.0043


 30.3369, 26.8427,
24.0043


295.3534,
286.8947, 286.1295


 20.2438, 17.4551,
15.1246


 59.5775, 54.6313,
50.9811

 12.6817, 10.5595,
8.7593

 79.4558, 73.8012,
69.9153

 7.2852, 5.7715,
4.4898


 103.3264, 97.0006,
93.0381

 3.6890, 2.7066,
1.8977

131.5548,
124.6140, 120.7680

 1.5277, 0.9806,
0.4913

164.5064,
157.0257, 153.5235

 0.3446, 0.0000,
0.0000

202.5464,

 0.0000, 0.0000,

194.6201, 191.7233

0.0000

246.0403,
237.7816, 235.7857

■ 30.3369, 26.8427,
24.0043

■ 30.3369, 26.8427,
24.0043

■ 27.1448, 22.1805,
17.6313

■ 34.1353, 32.3844,
31.6055

■ 24.5256, 18.3492,
12.4204

■ 38.5667, 38.8436,
40.4927

■ 22.4460, 15.3010,
8.3022

■ 43.6590, 46.2606,
50.7222

■ 20.8685, 12.9820,
5.1989

■ 49.4376, 54.6721,
62.3465

■ 19.7506, 11.3312,
3.0226

■ 55.9268, 64.1131,
75.4152

■ 19.0430, 10.2781,
1.6704

■ 63.1496, 74.6166,
89.9755

■ 18.6722, 9.7236,
0.9703

■ 71.1279, 86.2144,
106.0723

■ 18.6287, 9.6602,
0.8828

■ 72.4004, 88.3237,
107.8400

Harmonies

Analogous

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



30.7461, 26.8427, 30.9497



30.3369, 26.8427, 24.0043



28.5961, 26.8427, 19.2938

Triad

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



30.3369, 26.8427, 24.0043



21.7562, 26.8427, 21.5279



24.9277, 26.8427, 45.6688

Complementary

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



30.3369, 26.8427, 24.0043



32.9586, 39.6833, 48.5704

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.



22.6602, 26.8427, 42.0915



30.3369, 26.8427, 24.0043



20.9105, 26.8427, 27.5697

Square

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



30.3369, 26.8427, 24.0043



23.6176, 26.8427, 18.0409



21.2300, 26.8427, 35.1574



27.5076, 26.8427, 44.2834

Rectangle

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



30.3369, 26.8427, 24.0043



26.9741, 26.8427, 17.6577



21.2300, 26.8427, 35.1574



24.1060, 26.8427, 44.9894

Sweetspot

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



30.3376, 26.8440, 24.0048



68.5113, 68.7511, 71.3962



34.3607, 28.2427, 45.8389



14.9115, 14.8425, 15.2816



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.



30.3376, 26.8440, 24.0048



50.7298, 42.8139, 35.7935



34.1003, 34.3693, 25.2591



8.5093, 8.5312, 8.8507



13.1695, 6.8377, 0.6257



0.4188, 0.2240, 0.0212

Inverse Universe

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



32.9586, 39.6833, 48.5704



56.1738, 69.4871, 86.8329



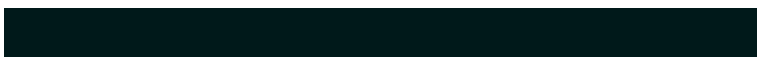
28.3730, 30.5122, 47.0419



8.7280, 9.6023, 10.8997



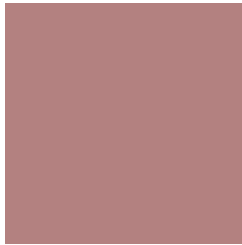
16.6544, 24.1092, 33.9127



0.5285, 0.7675, 1.0685

Previews

White Background



This preview shows how the XYZ color 30.3369, 26.8427, 24.0043 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 30.3369, 26.8427, 24.0043 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 30.3369, 26.8427, 24.0043

Background



This preview shows how black text looks on a background with the XYZ color 30.3369, 26.8427, 24.0043.



This preview shows how white text looks on a background with the XYZ color 30.3369, 26.8427,

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

30.3369, 26.8427, 24.0043

Protanopia

25.7521, 26.9100, 26.7585

Deuteranopia

27.4744, 27.0007, 23.8423



Tritanopia

31.0569, 26.9478, 27.2315

Trichromacy



Original Color

30.3369, 26.8427, 24.0043

Protanomaly

27.2111, 26.8264, 25.5736

Deuteranomaly

28.5043, 26.9073, 23.7700

Tritanomaly

30.8446, 26.8629, 26.1136

Monochromacy



Original Color

30.3369, 26.8427, 24.0043

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7247, 27.4683, 27.8854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3369, 26.8427, 24.0043 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(179, 129, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 129, 128)  
}
```

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(179, 129, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 129, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.3369, 26.8427, 24.0043 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(179, 129, 128) }
```


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

```
.border{ border-color:rgb(179, 129, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 129, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 129, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 129, 128); box-shadow:4px 4px 4px 4px rgb(179, 129, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3369, 26.8427, 24.0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 129, 128) }
```

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

```
.background{ background-color: rgb(179,  
129, 128) }
```

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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