

Converting Colors

XYZ(30.3380, 26.5171, 25.5693)

Have a look what the booklet for
XYZ(30.3380, 26.5171, 25.5693)
contains.

XYZ(30.5432, 26.7155, 25.7371)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.5432, 26.7155,
25.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	B38085
RGB	179, 128, 133
RGB Percent	70%, 50%, 52%
CMY	0.2980, 0.4980, 0.4784
CMYK	0.00, 0.28, 0.26, 0.30
HSL	354°, 25%, 60%
HSV	354°, 28%, 70%
XYZ	30.5432, 26.7155, 25.7371
YIQ	143.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

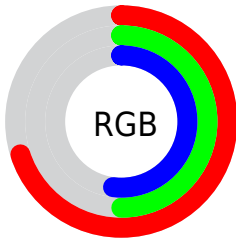
Format	Color
RYB	179, 128, 133
Decimal	11763845
CIELab	58.71, 20.45, 5.15
CIELCh	59, 21.087, 14.137
Yxy	26.7155, 0.3680, 0.3219
Android (android.graphics.Color)	4289953925 (0xFFB38085)
YUV	143.8190, -5.3338, 30.8537
Hunter-Lab	51.6870, 15.0279, 6.6580

Details

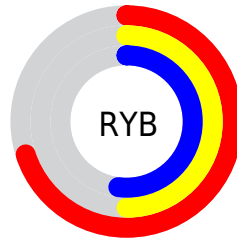
The XYZ color **30.5432, 26.7155, 25.7371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6633, 39.8860, 46.0236**, and the grayscale version is **26.4497, 27.8271, 30.3038**.

A 20% lighter version of the original color is **59.9789, 54.4258, 53.7984**, and **12.7821, 10.4488, 9.7306** is the 20% darker color. If you saturate the color by 10%, you get **27.3800, 22.0391, 19.5957**, and if you desaturate by 10%, it is **34.2912, 32.2867, 32.9200**.

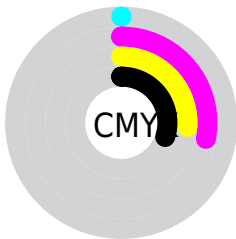
Distribution



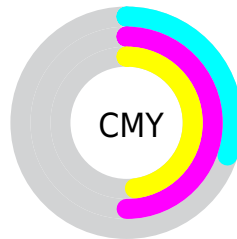
- Red (70%)
- Green (50%)
- Blue (52%)



- Red (70%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5432, 26.7155, 25.7371 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 30.5432, 26.7155, 25.7371 by changing the saturation by 10% instead.


 30.5432, 26.7155,
25.7371


 30.5432, 26.7155,
25.7371


296.2929,
286.2770, 295.0534


 20.4014, 17.3597,
16.4031


 59.9009, 54.4270,
53.8294

 12.7971, 10.4913,
9.6524


 79.8475, 73.5515,
73.4247

 7.3650, 5.7259,
5.0665


 103.7931, 96.7009,
97.2776

 3.7398, 2.6791,
2.2269

132.1030,
124.2598, 125.8065

 1.5560, 0.9666,
0.6898

165.1425,
156.6124, 159.4300

 0.3635, 0.0000,
0.0000

203.2771,

 0.0000, 0.0000,

194.1432, 198.5666

0.0000

246.8721,
237.2366, 243.6349

■ 30.5432, 26.7155,
25.7371

■ 30.5432, 26.7155,
25.7371

■ 27.3800, 22.0391,
19.5957

■ 34.2912, 32.2867,
32.9200

■ 24.7700, 18.2074,
14.4460

■ 38.6493, 38.7921,
41.1881

■ 22.6820, 15.1710,
10.2362


■ 43.6437, 46.2731,
50.5843


■ 21.0804, 12.8739,
6.9095

■ 49.2986, 54.7675,
61.1489


■ 19.9257, 11.2528,
4.4026


■ 55.6370, 64.3114,
72.9201

 19.1717, 10.2338,
2.6438

 62.6807, 74.9388,
85.9344

 18.7459, 9.6929,
1.5436

 70.4504, 86.6822,
100.2269

 18.6959, 9.6259,
1.4252

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



30.4992, 26.7155, 33.1710



30.5432, 26.7155, 25.7371



29.1432, 26.7155, 20.2312

Triad

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



30.5432, 26.7155, 25.7371



22.0746, 26.7155, 19.9932



24.0530, 26.7155, 45.1083

Complementary

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



30.5432, 26.7155, 25.7371



32.6633, 39.8860, 46.0236

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.



21.9779, 26.7155, 40.2144



30.5432, 26.7155, 25.7371



20.8898, 26.7155, 25.3557

Square

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



30.5432, 26.7155, 25.7371



24.1933, 26.7155, 17.3180



20.8557, 26.7155, 32.7192



26.6302, 26.7155, 45.2578

Rectangle

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



30.5432, 26.7155, 25.7371



27.6311, 26.7155, 18.0341



20.8557, 26.7155, 32.7192



23.2778, 26.7155, 43.9306

Sweetspot

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



30.5439, 26.7168, 25.7376



68.6675, 68.6498, 72.7233



33.2899, 27.6815, 46.2364



14.9508, 14.8170, 15.6155



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.



30.5439, 26.7168, 25.7376



51.1339, 42.5658, 39.1851



33.1402, 32.4488, 24.9402



8.5291, 8.5183, 9.0185



13.2230, 6.8068, 1.0685



0.4270, 0.2186, 0.0914

Inverse Universe

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



30.5439, 26.7168, 25.7376



51.1339, 42.5658, 39.1851



29.3693, 32.5038, 47.3739



8.5291, 8.5183, 9.0185



13.2230, 6.8068, 1.0685



0.4270, 0.2186, 0.0914

Previews

White Background



This preview shows how the XYZ color 30.5432, 26.7155, 25.7371 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 30.5432, 26.7155, 25.7371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

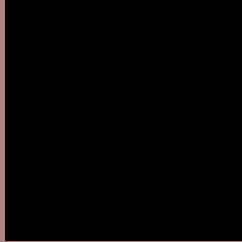
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5432, 26.7155, 25.7371

Background



This preview shows how black text looks on a background with the XYZ color 30.5432, 26.7155, 25.7371.



This preview shows how white text looks on a background with the XYZ color 30.5432, 26.7155,

25.7371.

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

30.5432, 26.7155, 25.7371

Protanopia

25.7601, 26.8725, 28.6401

Deuteranopia

27.3405, 26.9009, 25.2241



Tritanopia

30.6951, 26.5686, 27.1774

Trichromacy



Original Color

30.5432, 26.7155, 25.7371

Protanomaly

27.2241, 26.5826, 27.3630

Deuteranomaly

28.4158, 26.8231, 25.5095

Tritanomaly

30.6237, 26.5400, 26.8012

Monochromacy



Original Color

30.5432, 26.7155, 25.7371

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7267, 27.2385, 28.6071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5432, 26.7155, 25.7371 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, 128, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 128, 133)  
}
```

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, 128, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 128, 133) }
```

Border

The CSS property to change the border of an element to XYZ 30.5432, 26.7155, 25.7371 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, 128, 133) }
```


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

```
.border{ border-color:rgb(179, 128, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 128, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 128, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 128, 133); box-shadow:4px 4px 4px 4px rgb(179, 128, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5432, 26.7155, 25.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 128, 133) }
```

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

```
.background{ background-color: rgb(179,  
128, 133) }
```

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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