

Converting Colors

XYZ(32.7848, 30.5778, 26.0432)

Have a look what the booklet for
XYZ(32.7848, 30.5778, 26.0432)
contains.

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Color

**XYZ(32.7458, 30.5395,
25.9986)**

Conversions

Conversions Part 1

Format	Color
Hex	B58D84
RGB	181, 141, 132
RGB Percent	71%, 55%, 52%
CMY	0.2902, 0.4470, 0.4823
CMYK	0.00, 0.22, 0.27, 0.29
HSL	11°, 25%, 61%
HSV	11°, 27%, 71%
XYZ	32.7458, 30.5395, 25.9986
YIQ	151.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

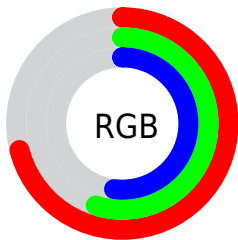
Format	Color
RYB	181, 143, 132
Decimal	11898244
CIELab	62.12, 13.81, 10.61
CIElCh	62, 17.410, 37.534
Yxy	30.5395, 0.3668, 0.3420
Android (android.graphics.Color)	4290088324 (0xFFB58D84)
YUV	151.9340, -9.8275, 25.4909
Hunter-Lab	55.2626, 9.0606, 10.7905

Details

The XYZ color **32.7458, 30.5395, 25.9986** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6082, 37.7455, 49.2832**, and the grayscale version is **29.8502, 31.4048, 34.1998**.

A 20% lighter version of the original color is **63.5320, 60.7101, 54.2687**, and **14.0548, 12.6187, 9.8785** is the 20% darker color. If you saturate the color by 10%, you get **29.5781, 26.0172, 19.3530**, and if you desaturate by 10%, it is **36.4207, 35.7318, 33.8742**.

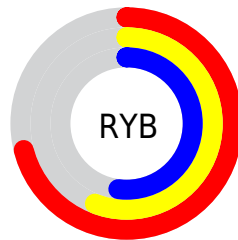
Distribution



Red (71%)

Green (55%)

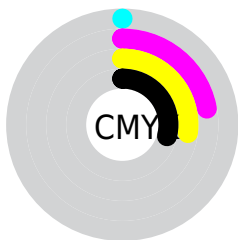
Blue (52%)



Red (71%)

Yellow (56%)

Blue (52%)

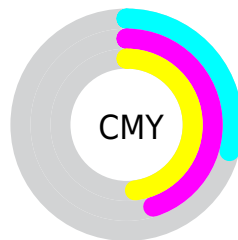


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7458, 30.5395, 25.9986 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 32.7458, 30.5395, 25.9986 by changing the saturation by 10% instead.


 32.7458, 30.5395,
25.9986


 32.7458, 30.5395,
25.9986


306.1880,
304.4112, 296.3805


 22.0901, 20.2484,
16.5968


 63.3358, 60.5143,
54.2567

 14.0401, 12.5758,
9.7886


 84.0008, 80.9669,
73.9502

 8.2304, 7.1371,
5.1552


 108.7329,
105.5754, 97.9113

 4.2958, 3.5480,
2.2783

137.8975,
134.7243, 126.5586

 1.8708, 1.4241,
0.7190

171.8600,
168.7979, 160.3106

 0.5598, 0.2344,
0.0000

210.9857,

 0.0000, 0.0000,

208.1806, 199.5859

0.0000

255.6399,
253.2569, 244.8030

■ 32.7458, 30.5395,
25.9986

■ 32.7458, 30.5395,
25.9986

■ 29.5781, 26.0172,
19.3530

■ 36.4207, 35.7318,
33.8742

■ 26.8927, 22.1334,
13.8731

■ 40.6213, 41.6157,
43.0357

■ 24.6660, 18.8604,
9.4920

■ 45.3685, 48.2167,
53.5380

■ 22.8716, 16.1666,
6.1349

■ 50.6811, 55.5581,
65.4319

■ 21.4803, 14.0177,
3.7175

■ 56.5769, 63.6620,
78.7660

■ 20.4589, 12.3755,
2.1422

■ 63.0731, 72.5495,
93.5862

■ 19.7651, 11.1953,
1.2714

■ 69.5843, 82.0003,
106.7679

■ 19.6072, 10.9259,
1.0755

■ 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



33.7233, 30.5395, 31.5900



32.7458, 30.5395, 25.9986



30.7817, 30.5395, 22.7026

Triad

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



32.7458, 30.5395, 25.9986



25.0616, 30.5395, 28.5641



29.6213, 30.5395, 47.7444

Complementary

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



32.7458, 30.5395, 25.9986



32.6082, 37.7455, 49.2832

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.



27.3401, 30.5395, 46.6490



32.7458, 30.5395, 25.9986



24.7880, 30.5395, 34.9719

Square

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



32.7458, 30.5395, 25.9986



26.3692, 30.5395, 24.0390



25.6008, 30.5395, 41.7434



31.8574, 30.5395, 44.5620

Rectangle

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



32.7458, 30.5395, 25.9986



29.2210, 30.5395, 21.9613



25.6008, 30.5395, 41.7434



28.8336, 30.5395, 47.8710

Sweetspot

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



32.7466, 30.5409, 25.9992



71.9068, 73.3529, 75.2206



34.7555, 29.3058, 42.8631



15.2893, 15.5017, 15.7050



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.



32.7466, 30.5409, 25.9992



55.4385, 50.1268, 39.7951



36.7636, 38.5749, 27.3382



8.6185, 8.7495, 8.8871



13.5548, 7.6082, 0.7541



0.4642, 0.3148, 0.0363

Inverse Universe

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



32.6082, 37.7455, 49.2832



55.1457, 65.0102, 87.9364



28.3708, 29.2706, 47.8707



8.6073, 9.3607, 10.8595



13.0689, 16.9383, 32.7176



0.4457, 0.6019, 1.0409

Previews

White Background



This preview shows how the XYZ color 32.7458, 30.5395, 25.9986 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.7458, 30.5395, 25.9986 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 ✓ Pass

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

XYZ 32.7458, 30.5395, 25.9986

Background



This preview shows how black text looks on a background with the XYZ color 32.7458, 30.5395, 25.9986.



This preview shows how white text looks on a background with the XYZ color 32.7458, 30.5395,

25.9986.

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

32.7458, 30.5395, 25.9986

Protanopia

29.1320, 30.6868, 28.0546

Deuteranopia

31.2354, 30.6601, 25.7444



Tritanopia

34.0417, 30.4142, 32.5101

Trichromacy



Original Color

32.7458, 30.5395, 25.9986

Protanomaly

30.3239, 30.6160, 27.2329

Deuteranomaly

31.7492, 30.6992, 25.7249

Tritanomaly

33.4819, 30.3935, 30.0884

Monochromacy



Original Color

32.7458, 30.5395, 25.9986

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.8050, 31.0107, 31.1501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7458, 30.5395, 25.9986 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(181, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(181, 141, 132)  
}
```

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(181, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 141, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.7458, 30.5395, 25.9986 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(181, 141, 132) }
```


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

```
.border{ border-color:rgb(181, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(181, 141,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7458, 30.5395, 25.9986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 141, 132) }
```

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

```
.background{ background-color: rgb(181,  
141, 132) }
```

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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