

Converting Colors

XYZ(30.9163, 32.6581, 25.7935)

Have a look what the booklet for
XYZ(30.9163, 32.6581, 25.7935)
contains.

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Color

**XYZ(30.8947, 32.6154,
25.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	A49A82
RGB	164, 154, 130
RGB Percent	64%, 60%, 51%
CMY	0.3569, 0.3961, 0.4902
CMYK	0.00, 0.06, 0.21, 0.36
HSL	42°, 16%, 58%
HSV	42°, 21%, 64%
XYZ	30.8947, 32.6154, 25.7862
YIQ	154.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

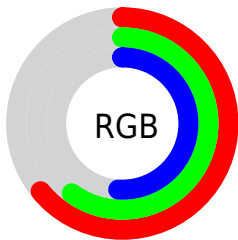
Format	Color
RYB	144, 164, 130
Decimal	10787458
CIELab	63.85, -0.39, 13.93
CIELCh	64, 13.936, 91.604
Yxy	32.6154, 0.3460, 0.3652
Android (android.graphics.Color)	4288977538 (0xFFA49A82)
YUV	154.2540, -11.9572, 8.5472
Hunter-Lab	57.1099, -3.3793, 13.2064

Details

The XYZ color **30.8947, 32.6154, 25.7862** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.2848, 26.1818, 38.8431**, and the grayscale version is **30.8741, 32.4820, 35.3729**.

A 20% lighter version of the original color is **60.3165, 63.5907, 53.8950**, and **13.0175, 13.7393, 9.7504** is the 20% darker color. If you saturate the color by 10%, you get **29.1008, 30.6510, 20.1833**, and if you desaturate by 10%, it is **32.8978, 34.7169, 32.3253**.

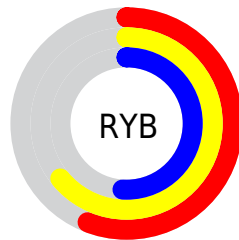
Distribution



Red (64%)

Green (60%)

Blue (51%)



Red (56%)

Yellow (64%)

Blue (51%)

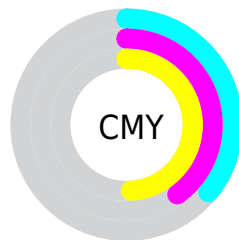


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8947, 32.6154, 25.7862 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 30.8947, 32.6154, 25.7862 by changing the saturation by 10% instead.

■ 30.8947, 32.6154,
25.7862

■ 30.8947, 32.6154,
25.7862

297.8885,
313.9131, 295.3030

■ 20.6701, 21.8320,
16.4394

■ 60.4512, 63.7746,
53.9097

■ 12.9942, 13.7335,
9.6779

■ 80.5139, 84.9192,
73.5235

■ 7.5015, 7.9355,
5.0831

■ 104.5866,
110.2863, 97.3967

■ 3.8268, 4.0537,
2.2365

133.0347,
140.2603, 125.9479

■ 1.6046, 1.7037,
0.6953

166.2236,
175.2255, 159.5955

■ 0.3954, 0.4260,
0.0000

204.5186,

■ 0.0000, 0.0000,

215.5665, 198.7582

0.0000

248.2851,
261.6676, 243.8545

■ 30.8947, 32.6154,
25.7862

■ 30.8947, 32.6154,
25.7862

■ 29.1008, 30.6510,
20.1833

■ 32.8978, 34.7169,
32.3253

■ 27.5049, 28.8152,
15.4708

■ 35.1155, 36.9548,
39.8393

■ 26.0985, 27.1052,
11.6019

■ 37.5565, 39.3344,
48.3676

■ 24.8713, 25.5163,
8.5248

■ 40.2280, 41.8591,
57.9464

■ 23.8121, 24.0432,
6.1822

■ 43.1368, 44.5321,
68.6104

■ 22.9081, 22.6803,
4.5086

■ 46.2895, 47.3567,
80.3925

■ 22.1443, 21.4210,
3.4270

■ 49.6925, 50.3359,
93.3243

■ 21.5302, 20.3330,
2.7899

■ 52.3370, 53.0667,
102.0922

■ 53.4174, 55.2275,
102.4523

Harmonies

Analogous

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



32.8255, 32.6154, 26.8453



30.8947, 32.6154, 25.7862



29.0682, 32.6154, 27.0965

Triad

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



30.8947, 32.6154, 25.7862



27.9021, 32.6154, 41.4693



34.4320, 32.6154, 40.8924

Complementary

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



30.8947, 32.6154, 25.7862



25.2848, 26.1818, 38.8431

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.



33.0155, 32.6154, 45.5126



30.8947, 32.6154, 25.7862



29.2434, 32.6154, 45.8696

Square

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



30.8947, 32.6154, 25.7862



27.3860, 32.6154, 35.8153



31.1055, 32.6154, 47.4208



34.9186, 32.6154, 35.2117

Rectangle

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



30.8947, 32.6154, 25.7862



28.1413, 32.6154, 29.2266



31.1055, 32.6154, 47.4208



34.0459, 32.6154, 42.6410

Sweetspot

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



30.8956, 32.6169, 25.7869



61.5243, 64.8612, 64.7500



28.0412, 25.7576, 28.3825



13.3975, 14.1264, 13.9766



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.8956, 32.6169, 25.7869



54.4905, 57.4838, 41.7801



31.2487, 35.3511, 26.2960



7.4727, 7.8838, 7.5080



16.5508, 15.6756, 2.1534



0.3855, 0.4049, 0.0578

Inverse Universe

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



25.2848, 26.1818, 38.8431



42.3935, 43.6117, 69.9358



24.9677, 23.9476, 38.4286



6.8623, 7.1836, 8.9280



5.9922, 3.7637, 27.3404



0.1649, 0.1571, 0.5875

Previews

White Background



This preview shows how the XYZ color 30.8947, 32.6154, 25.7862 looks on a white background.

Color Contrast Check

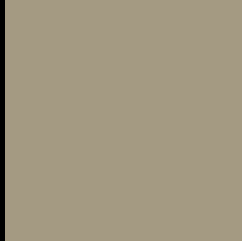
Large Text (above 18pt) WCAG AA × Fail

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 30.8947, 32.6154, 25.7862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

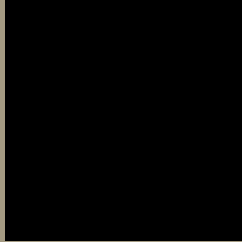
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8947, 32.6154, 25.7862

Background



This preview shows how black text looks on a background with the XYZ color 30.8947, 32.6154, 25.7862.



This preview shows how white text looks on a background with the XYZ color 30.8947, 32.6154,

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

30.8947, 32.6154, 25.7862

Protanopia

30.6891, 32.5094, 25.7766

Deuteranopia

33.2043, 32.5986, 26.0148



Tritanopia

33.4878, 32.7107, 38.2670

Trichromacy



Original Color

30.8947, 32.6154, 25.7862

Protanomaly

30.6891, 32.5094, 25.7766

Deuteranomaly

32.3969, 32.6561, 26.0685

Tritanomaly

32.5080, 32.5507, 33.4237

Monochromacy



Original Color

30.8947, 32.6154, 25.7862

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.7670, 32.4246, 31.4250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8947, 32.6154, 25.7862 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(164, 154, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 154, 130)  
}
```

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(164, 154, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 154, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.8947, 32.6154, 25.7862 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(164, 154, 130) }
```


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

```
.border{ border-color:rgb(164, 154, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 154, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 154, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 154, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 154,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8947, 32.6154, 25.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 154, 130) }
```

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

```
.background{ background-color: rgb(164,  
154, 130) }
```

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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