

Converting Colors

XYZ(30.5643, 32.8126, 25.2759)

Have a look what the booklet for
XYZ(30.5643, 32.8126, 25.2759)
contains.

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Color

**XYZ(30.5179, 32.6826,
25.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	A29B80
RGB	162, 155, 128
RGB Percent	64%, 61%, 50%
CMY	0.3647, 0.3921, 0.4980
CMYK	0.00, 0.04, 0.21, 0.36
HSL	48°, 15%, 57%
HSV	48°, 21%, 64%
XYZ	30.5179, 32.6826, 25.1220
YIQ	154.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

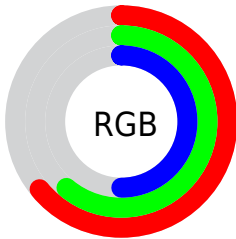
Format	Color
RYB	137, 162, 128
Decimal	10656640
CIELab	63.90, -2.03, 15.10
CIELCh	64, 15.233, 97.657
Yxy	32.6826, 0.3455, 0.3700
Android (android.graphics.Color)	4288846720 (0xFFA29B80)
YUV	154.0150, -12.8254, 7.0028
Hunter-Lab	57.1687, -4.7580, 13.9639

Details

The XYZ color **30.5179, 32.6826, 25.1220** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.0875, 24.5251, 37.6468**, and the grayscale version is **30.7730, 32.3756, 35.2570**.

A 20% lighter version of the original color is **59.7562, 63.6888, 52.8597**, and **12.7920, 13.7801, 9.3828** is the 20% darker color. If you saturate the color by 10%, you get **28.9888, 31.1966, 19.7650**, and if you desaturate by 10%, it is **32.2343, 34.2703, 31.3822**.

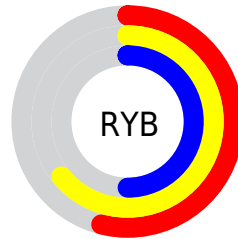
Distribution



Red (64%)

Green (61%)

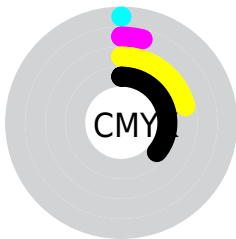
Blue (50%)



Red (54%)

Yellow (64%)

Blue (50%)

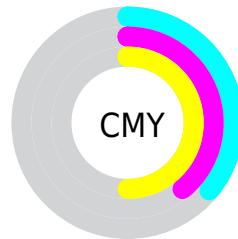


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5179, 32.6826, 25.1220 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 30.5179, 32.6826, 25.1220 by changing the saturation by 10% instead.

■ 30.5179, 32.6826,
25.1220

■ 30.5179, 32.6826,
25.1220

296.1778,
314.2171, 291.9121

■ 20.3820, 21.8834,
15.9481

■ 59.8613, 63.8797,
52.8216

■ 12.7829, 13.7713,
9.3335

■ 79.7995, 85.0463,
72.1845

■ 7.3552, 7.9617,
4.8596

■ 103.7359,
110.4376, 95.7808

■ 3.7335, 4.0705,
2.1078

132.0358,
140.4379, 124.0290

■ 1.5525, 1.7131,
0.6204

165.0646,
175.4316, 157.3477

■ 0.3611, 0.4321,
0.0000

203.1876,

■ 0.0000, 0.0000,

215.8031, 196.1554

0.0000

246.7702,
261.9368, 240.8707

■ 30.5179, 32.6826,
25.1220

■ 30.5179, 32.6826,
25.1220

■ 28.9888, 31.1966,
19.7650

■ 32.2343, 34.2703,
31.3822

■ 27.6362, 29.8044,
15.2666

■ 34.1432, 35.9585,
38.5833

■ 26.4523, 28.5037,
11.5815

■ 36.2525, 37.7518,
46.7631

■ 25.4272, 27.2906,
8.6596

■ 38.5690, 39.6531,
55.9570

■ 24.5503, 26.1604,
6.4450

■ 41.0993, 41.6652,
66.1986

■ 23.8095, 25.1082,
4.8741

■ 43.8494, 43.7906,
77.5197

■ 23.1903, 24.1279,
3.8721

■ 46.8254, 46.0320,
89.9510

■ 22.7066, 23.2939,
3.2994

■ 49.6112, 48.2232,
101.3010

■ 50.3005, 49.6017,
101.5307

Harmonies

Analogous

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



32.6572, 32.6826, 25.7463



30.5179, 32.6826, 25.1220



28.6132, 32.6826, 27.0347

Triad

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



30.5179, 32.6826, 25.1220



27.9137, 32.6826, 43.2955



35.0342, 32.6826, 40.2645

Complementary

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



30.5179, 32.6826, 25.1220



24.0875, 24.5251, 37.6468

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.



33.6505, 32.6826, 45.7730



30.5179, 32.6826, 25.1220



29.5231, 32.6826, 47.6584

Square

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



30.5179, 32.6826, 25.1220



27.1553, 32.6826, 37.1818



31.6162, 32.6826, 48.6137



35.3305, 32.6826, 34.0361

Rectangle

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



30.5179, 32.6826, 25.1220



27.7101, 32.6826, 29.6368



31.6162, 32.6826, 48.6137



34.6778, 32.6826, 42.2819

Sweetspot

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



30.5188, 32.6841, 25.1227



60.1632, 63.6854, 63.1246



27.0188, 24.8798, 26.4359



13.4650, 14.2615, 13.9992



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.



30.5188, 32.6841, 25.1227



54.1171, 58.1017, 41.0441



29.8345, 34.1102, 25.4340



7.5251, 7.9886, 7.5254



17.9200, 18.4139, 2.6098



0.4061, 0.4460, 0.0647

Inverse Universe

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



24.0875, 24.5251, 37.6468



40.3902, 40.6891, 67.7811



24.6618, 23.4195, 37.4031



6.8131, 7.0852, 8.9116



5.5998, 2.9791, 27.2097



0.1478, 0.1229, 0.5818

Previews

White Background



This preview shows how the XYZ color 30.5179, 32.6826, 25.1220 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 30.5179, 32.6826, 25.1220 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

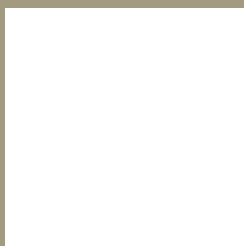
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5179, 32.6826, 25.1220

Background



This preview shows how black text looks on a background with the XYZ color 30.5179, 32.6826, 25.1220.



This preview shows how white text looks on a background with the XYZ color 30.5179, 32.6826,

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

30.5179, 32.6826, 25.1220

Protanopia

30.7617, 32.5622, 25.0859

Deuteranopia

33.3003, 32.6636, 25.3185



Tritanopia

33.1538, 32.5283, 38.7136

Trichromacy



Original Color

30.5179, 32.6826, 25.1220

Protanomaly

30.5561, 32.4562, 25.0763

Deuteranomaly

32.2626, 32.6024, 25.3614

Tritanomaly

32.2503, 32.6578, 33.4580

Monochromacy



Original Color

30.5179, 32.6826, 25.1220

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5711, 32.3236, 31.4159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5179, 32.6826, 25.1220 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(162, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(162, 155, 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(162, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 155, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.5179, 32.6826, 25.1220 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(162, 155, 128) }
```


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

```
.border{ border-color:rgb(162, 155, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 155, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 155, 128);  
box-shadow:4px 4px 4px 4px rgb(162, 155,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5179, 32.6826, 25.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 155, 128) }
```

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

```
.background{ background-color: rgb(162,  
155, 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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