

Converting Colors

XYZ(33.5081, 33.7219, 25.1105)

Have a look what the booklet for
XYZ(33.5081, 33.7219, 25.1105)
contains.

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Color

**XYZ(33.4190, 33.6881,
25.1632)**

Conversions

Conversions Part 1

Format	Color
Hex	B19980
RGB	177, 153, 128
RGB Percent	69%, 60%, 50%
CMY	0.3059, 0.4000, 0.4980
CMYK	0.00, 0.14, 0.28, 0.31
HSL	31°, 24%, 60%
HSV	31°, 28%, 69%
XYZ	33.4190, 33.6881, 25.1632
YIQ	157.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

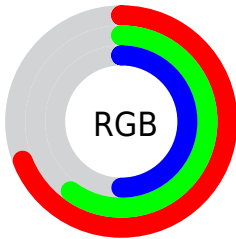
Format	Color
R_{YB}	175, 177, 128
Decimal	11639168
CIE _{Lab}	64.71, 5.00, 16.43
CIE _{LCh}	65, 17.171, 73.083
Yxy	33.6881, 0.3622, 0.3651
Android (android.graphics.Color)	4289829248 (0xFFB19980)
YUV	157.3260, -14.4577, 17.2541
Hunter-Lab	58.0415, 1.2039, 14.9245

Details

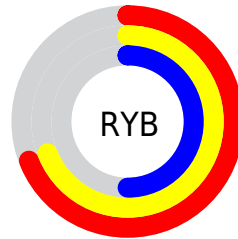
The XYZ color **33.4190, 33.6881, 25.1632** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.0659, 30.2192, 45.9488**, and the grayscale version is **32.2515, 33.9311, 36.9509**.

A 20% lighter version of the original color is **64.2576, 65.2855, 52.9307**, and **14.4748, 14.3523, 9.4045** is the 20% darker color. If you saturate the color by 10%, you get **30.9867, 30.5281, 19.0974**, and if you desaturate by 10%, it is **36.1594, 37.1386, 32.3352**.

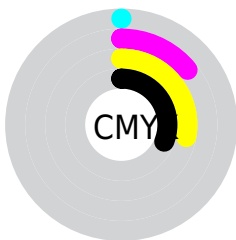
Distribution



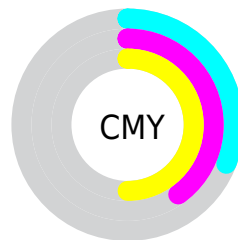
- Red (69%)
- Green (60%)
- Blue (50%)



- Red (69%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4190, 33.6881, 25.1632 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 33.4190, 33.6881, 25.1632 by changing the saturation by 10% instead.

■ 33.4190, 33.6881,
25.1632

■ 33.4190, 33.6881,
25.1632

309.1653,
318.7391, 292.1234

■ 22.6084, 22.6541,
15.9786

■ 64.3795, 65.4483,
52.8893

■ 14.4237, 14.3383,
9.3548

■ 85.2600, 86.9434,
72.2678

■ 8.4996, 8.3563,
4.8734

■ 110.2279,
112.6942, 95.8813

■ 4.4707, 4.3238,
2.1157

139.6485,
143.0852, 124.1484

■ 1.9717, 1.8563,
0.6251

173.8872,
178.5008, 157.4876

■ 0.6180, 0.5219,
0.0000

213.3093,

■ 0.0000, 0.0000,

219.3254, 196.3175

0.0000

258.2802,
265.9433, 241.0566

■ 33.4190, 33.6881,
25.1632

■ 33.4190, 33.6881,
25.1632

■ 30.9867, 30.5281,
19.0974

■ 36.1594, 37.1386,
32.3352

■ 28.8472, 27.6455,
14.0793

■ 39.2171, 40.8833,
40.6635

■ 26.9876, 25.0326,
10.0483

■ 42.6043, 44.9312,
50.1978

■ 25.3927, 22.6798,
6.9366

■ 46.3316, 49.2900,
60.9841

■ 24.0459, 20.5765,
4.6676

■ 50.4090, 53.9667,
73.0660

■ 22.9277, 18.7109,
3.1522

■ 54.8462, 58.9681,
86.4851

■ 22.0096, 17.0674,
2.2521

■ 59.6526, 64.3011,
101.2811

■ 21.8147, 16.7135,
2.0763

■ 62.3957, 68.9954,
104.6366

■ 64.7623, 73.7286,
105.4255

Harmonies

Analogous

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



35.6086, 33.6881, 28.1656



33.4190, 33.6881, 25.1632



30.9582, 33.6881, 24.9808

Triad

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



33.4190, 33.6881, 25.1632



27.6199, 33.6881, 39.8409



35.3684, 33.6881, 47.5181

Complementary

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



33.4190, 33.6881, 25.1632



28.0659, 30.2192, 45.9488

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.



33.1048, 33.6881, 51.5596



33.4190, 33.6881, 25.1632



28.6801, 33.6881, 46.7590

Square

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



33.4190, 33.6881, 25.1632



27.6944, 33.6881, 32.8698



30.6597, 33.6881, 51.2652



36.7730, 33.6881, 40.7751

Rectangle

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



33.4190, 33.6881, 25.1632



29.5007, 33.6881, 26.4395



30.6597, 33.6881, 51.2652



34.6779, 33.6881, 49.2742

Sweetspot

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



33.4199, 33.6896, 25.1639



69.9752, 72.9044, 72.1039



31.5595, 27.0693, 33.4828



14.9820, 15.5778, 15.1216



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.4199, 33.6896, 25.1639



57.2261, 56.9457, 38.4448



37.7501, 42.3501, 26.6073



8.8429, 9.1982, 8.9619



15.8664, 12.2314, 1.5246



0.5574, 0.5012, 0.0674

Inverse Universe

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



28.0659, 30.2192, 45.9488



46.0935, 49.7301, 81.6648



24.5575, 23.2024, 44.7793



8.3741, 8.8943, 10.7817



8.2609, 7.3222, 31.1149



0.3184, 0.3473, 0.9985

Previews

White Background



This preview shows how the XYZ color 33.4190, 33.6881, 25.1632 looks on a white background.

Color Contrast Check

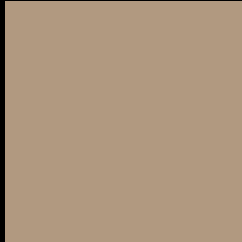
Large Text (above 18pt) WCAG AA × Fail

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 33.4190, 33.6881, 25.1632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

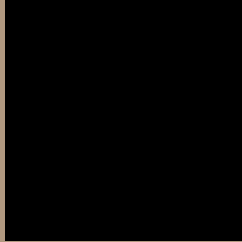
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4190, 33.6881, 25.1632

Background



This preview shows how black text looks on a background with the XYZ color 33.4190, 33.6881, 25.1632.



This preview shows how white text looks on a background with the XYZ color 33.4190, 33.6881,

25.1632.

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

33.4190, 33.6881, 25.1632

Protanopia

31.8121, 33.8326, 25.9728

Deuteranopia

34.2543, 33.6368, 25.1092



Tritanopia

36.1487, 33.8567, 37.8875

Trichromacy



Original Color

33.4190, 33.6881, 25.1632

Protanomaly

32.4285, 33.9080, 25.6046

Deuteranomaly

33.9469, 33.7183, 25.1412

Tritanomaly

35.0740, 33.6541, 32.6643

Monochromacy



Original Color

33.4190, 33.6881, 25.1632

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.3866, 33.7448, 32.0006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4190, 33.6881, 25.1632 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(177, 153, 128)` looks like.

```
.text, #text, p{  
    color:rgb(177, 153, 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(177, 153, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 153, 128) }
```

Border

The CSS property to change the border of an element to XYZ 33.4190, 33.6881, 25.1632 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(177, 153, 128) }
```


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

```
.border{ border-color:rgb(177, 153, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 153, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 153, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 153, 128);  
box-shadow:4px 4px 4px 4px rgb(177, 153,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4190, 33.6881, 25.1632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 153, 128) }
```

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

```
.background{ background-color: rgb(177,  
153, 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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