

Converting Colors

XYZ(33.1290, 35.2235, 25.2339)

Have a look what the booklet for
XYZ(33.1290, 35.2235, 25.2339)
contains.

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Color

**XYZ(33.1962, 35.3318,
25.1488)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA07F
RGB	171, 160, 127
RGB Percent	67%, 63%, 50%
CMY	0.3294, 0.3725, 0.5020
CMYK	0.00, 0.06, 0.26, 0.33
HSL	45°, 21%, 58%
HSV	45°, 26%, 67%
XYZ	33.1962, 35.3318, 25.1488
YIQ	159.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

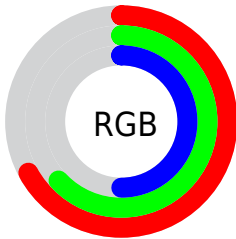
Format	Color
RYB	142, 171, 127
Decimal	11247743
CIELab	66.01, -1.36, 18.68
CIElCh	66, 18.729, 94.159
Yxy	35.3318, 0.3544, 0.3772
Android (android.graphics.Color)	4289437823 (0xFFABA07F)
YUV	159.5270, -16.0358, 10.0618
Hunter-Lab	59.4406, -4.3328, 16.5233

Details

The XYZ color **33.1962, 35.3318, 25.1488** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.1916, 25.6288, 42.1475**, and the grayscale version is **33.2626, 34.9948, 38.1094**.

A 20% lighter version of the original color is **64.2172, 68.2271, 52.9645**, and **14.3150, 15.3389, 9.4139** is the 20% darker color. If you saturate the color by 10%, you get **31.4471, 33.4682, 19.5263**, and if you desaturate by 10%, it is **35.1618, 37.3252, 31.7775**.

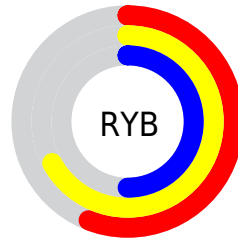
Distribution



Red (67%)

Green (63%)

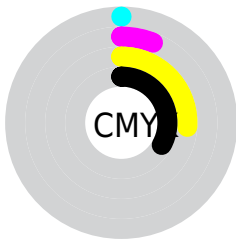
Blue (50%)



Red (56%)

Yellow (67%)

Blue (50%)

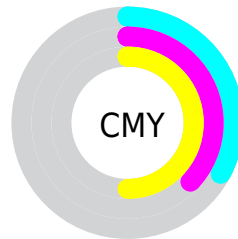


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1962, 35.3318, 25.1488 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 33.1962, 35.3318, 25.1488 by changing the saturation by 10% instead.

■ 33.1962, 35.3318,
25.1488

■ 33.1962, 35.3318,
25.1488

308.1823,
326.0305, 292.0495

■ 22.4367, 23.9186,
15.9679

■ 64.0344, 67.9995,
52.8656

■ 14.2966, 15.2732,
9.3473

■ 84.8438, 90.0227,
72.2387

■ 8.4103, 9.0114,
4.8685

■ 109.7339,
116.3514, 95.8462

■ 4.4126, 4.7486,
2.1129

139.0700,
147.3699, 124.1067

■ 1.9381, 2.1005,
0.6235

173.2176,
183.4627, 157.4387

■ 0.5988, 0.6649,
0.0000

212.5419,

■ 0.0000, 0.0000,

225.0141, 196.2608

0.0000

257.4084,
272.4086, 240.9916

■ 33.1962, 35.3318,
25.1488

■ 33.1962, 35.3318,
25.1488

■ 31.4471, 33.4682,
19.5263

■ 35.1618, 37.3252,
31.7775

■ 29.9020, 31.7253,
14.8575

■ 37.3502, 39.4477,
39.4571

■ 28.5511, 30.1000,
11.0882

■ 39.7711, 41.7047,
48.2321

■ 27.3827, 28.5873,
8.1583

■ 42.4323, 44.0998,
58.1439

■ 26.3837, 27.1814,
5.9999

■ 45.3416, 46.6364,
69.2318

■ 25.5390, 25.8760,
4.5347

■ 48.5064, 49.3179,
81.5329

■ 24.8291, 24.6627,
3.6614

■ 51.9335, 52.1474,
95.0830

■ 24.5483, 24.1651,
3.3705

■ 54.1798, 54.5480,
102.2810

■ 55.1459, 56.4804,
102.6030

Harmonies

Analogous

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



35.9627, 35.3318, 26.2867



33.1962, 35.3318, 25.1488



30.6729, 35.3318, 27.1561

Triad

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



33.1962, 35.3318, 25.1488



29.3556, 35.3318, 47.7082



38.6187, 35.3318, 45.5259

Complementary

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



33.1962, 35.3318, 25.1488



25.1916, 25.6288, 42.1475

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.



36.6690, 35.3318, 52.5577



33.1962, 35.3318, 25.1488



31.3084, 35.3318, 53.9345

Square

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



33.1962, 35.3318, 25.1488



28.5343, 35.3318, 39.5896



33.9704, 35.3318, 55.8205



39.1920, 35.3318, 37.3723

Rectangle

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



33.1962, 35.3318, 25.1488



29.4379, 35.3318, 30.1952



33.9704, 35.3318, 55.8205



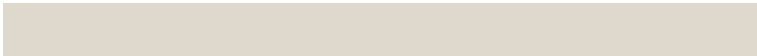
38.0975, 35.3318, 48.1340

Sweetspot

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



33.1971, 35.3334, 25.1495



65.9094, 69.7100, 67.1725



28.9718, 25.6722, 27.4735



14.5665, 15.4190, 14.5152



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.1971, 35.3334, 25.1495



57.5849, 61.3093, 38.9690



32.8913, 38.1321, 25.7059



8.4906, 8.9860, 8.5003



18.5489, 18.3033, 2.5553



0.5560, 0.5891, 0.0844

Inverse Universe

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



25.1916, 25.6288, 42.1475



40.7404, 40.8945, 74.7480



25.4218, 23.5228, 41.7289



7.7355, 8.0704, 10.1027



6.2218, 3.5774, 29.4071



0.2164, 0.1862, 0.8325

Previews

White Background



This preview shows how the XYZ color 33.1962, 35.3318, 25.1488 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 33.1962, 35.3318, 25.1488 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 33.1962, 35.3318, 25.1488

Background



This preview shows how black text looks on a background with the XYZ color 33.1962, 35.3318, 25.1488.



This preview shows how white text looks on a background with the XYZ color 33.1962, 35.3318,

25.1488.

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

33.1962, 35.3318, 25.1488

Protanopia

33.1962, 35.3318, 25.1488

Deuteranopia

35.9454, 35.2345, 25.3285



Tritanopia

36.6009, 35.4628, 41.4751

Trichromacy



Original Color

33.1962, 35.3318, 25.1488

Protanomaly

33.1962, 35.3318, 25.1488

Deuteranomaly

34.8408, 35.1592, 25.3722

Tritanomaly

35.1800, 35.3796, 34.6805

Monochromacy



Original Color

33.1962, 35.3318, 25.1488

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2259, 35.1722, 33.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1962, 35.3318, 25.1488 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(171, 160, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 127)  
}
```

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(171, 160, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 127) }
```

Border

The CSS property to change the border of an element to XYZ 33.1962, 35.3318, 25.1488 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(171, 160, 127) }
```


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

```
.border{ border-color:rgb(171, 160, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1962, 35.3318, 25.1488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 127) }
```

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

```
.background{ background-color: rgb(171,  
160, 127) }
```

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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