

Converting Colors

XYZ(25.0262, 25.3485, 13.0249)

Have a look what the booklet for
XYZ(25.0262, 25.3485, 13.0249)
contains.

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Color

**XYZ(25.0262, 25.3485,
13.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	A18659
RGB	161, 134, 89
RGB Percent	63%, 53%, 35%
CMY	0.3686, 0.4745, 0.6510
CMYK	0.00, 0.17, 0.45, 0.37
HSL	38°, 29%, 49%
HSV	38°, 45%, 63%
XYZ	25.0262, 25.3485, 13.0249
YIQ	136.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

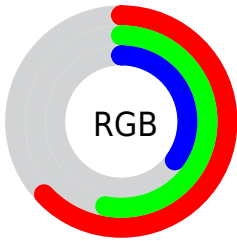
Format	Color
RYB	132, 161, 89
Decimal	10585689
CIELab	57.41, 4.03, 28.03
CIELCh	57, 28.319, 81.810
Yxy	25.3485, 0.3947, 0.3998
Android (android.graphics.Color)	4288775769 (0xFFA18659)
YUV	136.9430, -23.6359, 21.0980
Hunter-Lab	50.3473, 0.6195, 19.9047

Details

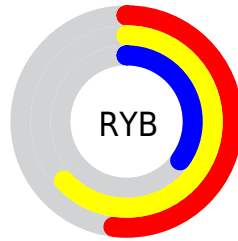
The XYZ color **25.0262, 25.3485, 13.0249** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7980, 17.1872, 36.1503**, and the grayscale version is **23.8352, 25.0765, 27.3083**.

A 20% lighter version of the original color is **51.1192, 52.1858, 32.1895**, and **9.8508, 9.8523, 3.5730** is the 20% darker color. If you saturate the color by 10%, you get **23.6122, 23.4867, 9.5751**, and if you desaturate by 10%, it is **26.6370, 27.3672, 17.2704**.

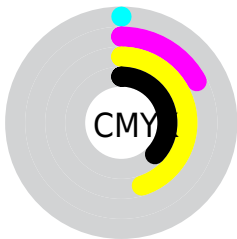
Distribution



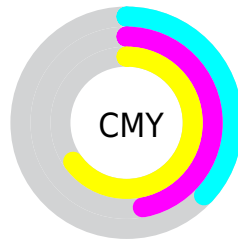
- Red (63%)
- Green (53%)
- Blue (35%)



- Red (52%)
- Yellow (63%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (37%)



- Cyan (37%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0262, 25.3485, 13.0249 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 25.0262, 25.3485, 13.0249 by changing the saturation by 10% instead.

■ 25.0262, 25.3485,
13.0249

■ 25.0262, 25.3485,
13.0249

270.3136,
279.5691, 222.2906

■ 16.2254, 16.3369,
7.3148

■ 51.1423, 52.2220,
32.0404

■ 9.7757, 9.7629,
3.5783

■ 69.1883, 70.8527,
46.1828

■ 5.3116, 5.2420,
1.3970

■ 91.0468, 93.4586,
63.9730

■ 2.4678, 2.3899,
0.1394

■ 117.0831,
120.4240, 85.8296

■ 0.8791, 0.8207,
0.0000

■ 147.6626,
152.1334, 112.1711

■ 0.0000, 0.0000,
0.0000

183.1506,

188.9711, 143.4161

223.9125,
231.3215, 179.9831

■ 25.0262, 25.3485,
13.0249

■ 25.0262, 25.3485,
13.0249

■ 23.6122, 23.4867,
9.5751

■ 26.6370, 27.3672,
17.2704

■ 22.3825, 21.7726,
6.8678

■ 28.4523, 29.5441,
22.3570

■ 21.3262, 20.2015,
4.8459

■ 30.4817, 31.8854,
28.3283

■ 20.4297, 18.7667,
3.4429

■ 32.7335, 34.3955,
35.2248

■ 19.6768, 17.4603,
2.5772

■ 35.2156, 37.0786,
43.0842

■ 19.3161, 16.8134,
2.2272

■ 37.9353, 39.9389,
51.9420

■ 40.8998, 42.9802,
61.8322

■ 44.1158, 46.2065,
72.7870

■ 47.5897, 49.6213,
84.8372

Harmonies

Analogous

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



28.3175, 25.3485, 15.4504



25.0262, 25.3485, 13.0249



21.7688, 25.3485, 13.7264

Triad

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



25.0262, 25.3485, 13.0249



18.5728, 25.3485, 35.0709



29.5429, 25.3485, 40.7109

Complementary

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



25.0262, 25.3485, 13.0249



16.7980, 17.1872, 36.1503

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.



26.5770, 25.3485, 48.6190



25.0262, 25.3485, 13.0249



20.3110, 25.3485, 44.8707

Square

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



25.0262, 25.3485, 13.0249



18.2409, 25.3485, 25.0446



23.1833, 25.3485, 50.2965



31.0793, 25.3485, 30.3241

Rectangle

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



25.0262, 25.3485, 13.0249



20.0329, 25.3485, 15.9671



23.1833, 25.3485, 50.2965



28.6677, 25.3485, 43.8384

Sweetspot

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



25.0268, 25.3497, 13.0254



55.1599, 57.7483, 52.4503



21.4579, 15.9970, 18.6636



11.9208, 12.4652, 10.9716



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.0268, 25.3497, 13.0254



42.2180, 41.9686, 16.9869



27.6096, 32.9445, 14.3552



7.4252, 7.7887, 7.4921



15.4672, 13.5083, 1.7922



0.3681, 0.3701, 0.0520

Inverse Universe

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



16.7980, 17.1872, 36.1503



25.5282, 25.4327, 63.9501



14.9781, 12.2817, 35.2993



6.9079, 7.2748, 8.9432



6.4804, 4.7401, 27.5032



0.1806, 0.1885, 0.5927

Previews

White Background



This preview shows how the XYZ color 25.0262, 25.3485, 13.0249 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0262, 25.3485, 13.0249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

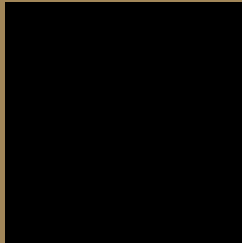
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0262, 25.3485, 13.0249

Background



This preview shows how black text looks on a background with the XYZ color 25.0262, 25.3485, 13.0249.



This preview shows how white text looks on a background with the XYZ color 25.0262, 25.3485,

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

25.0262, 25.3485, 13.0249

Protanopia

23.5545, 25.4163, 13.5619

Deuteranopia

25.7803, 25.3308, 12.9818



Tritanopia

28.0325, 25.3803, 27.4662

Trichromacy



Original Color

25.0262, 25.3485, 13.0249

Protanomaly

24.1175, 25.4995, 13.3236

Deuteranomaly

25.5005, 25.3888, 13.0077

Tritanomaly

26.6826, 25.2138, 21.2297

Monochromacy



Original Color

25.0262, 25.3485, 13.0249

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0484, 25.0754, 21.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0262, 25.3485, 13.0249 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(161, 134, 89)` looks like.

```
.text, #text, p{  
    color:rgb(161, 134, 89)  
}
```

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(161, 134, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 134, 89) }
```

Border

The CSS property to change the border of an element to XYZ 25.0262, 25.3485, 13.0249 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(161, 134, 89) }
```


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

```
.border{ border-color:rgb(161, 134, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 134, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 134, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 134, 89);  
box-shadow:4px 4px 4px 4px rgb(161, 134,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0262, 25.3485, 13.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 134, 89) }
```

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

```
.background{ background-color: rgb(161,  
134, 89) }
```

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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