

Converting Colors

XYZ(24.5724, 27.3785, 13.7251)

Have a look what the booklet for
XYZ(24.5724, 27.3785, 13.7251)
contains.

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Color

**XYZ(24.5485, 27.4730,
13.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	96915A
RGB	150, 145, 90
RGB Percent	59%, 57%, 35%
CMY	0.4118, 0.4314, 0.6471
CMYK	0.00, 0.03, 0.40, 0.41
HSL	55°, 25%, 47%
HSV	55°, 40%, 59%
XYZ	24.5485, 27.4730, 13.6818
YIQ	140.2250, 20.6350, -16.0450

Conversions

Conversions Part 2

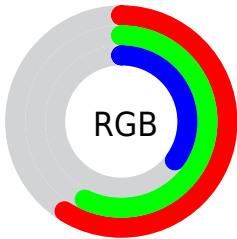
Format	Color
R_{YB}	95, 150, 90
Decimal	9867610
CIE Lab	59.41, -6.62, 29.84
CIE LCh	59, 30.568, 102.512
Yxy	27.4730, 0.3736, 0.4181
Android (android.graphics.Color)	4288057690 (0xFF96915A)
YUV	140.2250, -24.7609, 8.5727
Hunter-Lab	52.4147, -8.1250, 21.2138

Details

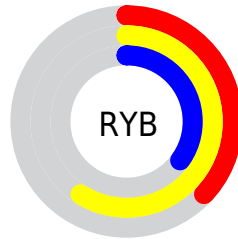
The XYZ color **24.5485, 27.4730, 13.6818** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.8136, 12.5596, 30.5503**, and the grayscale version is **25.1030, 26.4103, 28.7609**.

A 20% lighter version of the original color is **50.4080, 55.7491, 33.3032**, and **9.5653, 10.9555, 3.8960** is the 20% darker color. If you saturate the color by 10%, you get **23.7839, 26.8644, 10.5887**, and if you desaturate by 10%, it is **25.4454, 28.1398, 17.4554**.

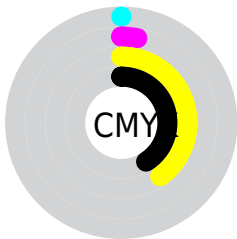
Distribution



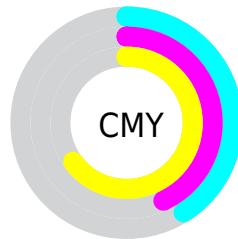
- Red (59%)
- Green (57%)
- Blue (35%)



- Red (37%)
- Yellow (59%)
- Blue (35%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5485, 27.4730, 13.6818 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 24.5485, 27.4730, 13.6818 by changing the saturation by 10% instead.

■ 24.5485, 27.4730,
13.6818

■ 24.5485, 27.4730,
13.6818

267.9712,
289.9401, 226.6014

■ 15.8679, 17.9288,
7.7635

■ 50.3720, 55.6420,
33.2323

■ 9.5210, 10.8989,
3.8584

■ 68.2456, 75.0355,
47.7016

■ 5.1424, 5.9989,
1.5480

■ 89.9143, 98.4809,
65.8582

■ 2.3666, 2.8444,
0.2533

■ 115.7434,
126.3626, 88.1208

■ 0.8284, 1.0510,
0.0000

146.0983,
159.0649, 114.9079

■ 0.0000, 0.0000,
0.0000

181.3444,

196.9724, 146.6380

221.8469,
240.4693, 183.7296

■ 24.5485, 27.4730,
13.6818

■ 24.5485, 27.4730,
13.6818

■ 23.7839, 26.8644,
10.5887

■ 25.4454, 28.1398,
17.4554

■ 23.1418, 26.3072,
8.1333

■ 26.4798, 28.8640,
21.9454

■ 22.6142, 25.7992,
6.2706

■ 27.6590, 29.6495,
27.1873

■ 22.1913, 25.3363,
4.9492

■ 28.9891, 30.4987,
33.2137

■ 21.8617, 24.9141,
4.1087

■ 30.4760, 31.4141,
40.0552

■ 21.5960, 24.5208,
3.5948

■ 32.1252, 32.3978,
47.7409

■ 21.5960, 24.5207,
3.5947

■ 33.9420, 33.4519,
56.2985

■ 35.9313, 34.5785,
65.7541

■ 38.0980, 35.7795,
76.1332

Harmonies

Analogous

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



28.3892, 27.4730, 13.9651



24.5485, 27.4730, 13.6818



21.4437, 27.4730, 16.9005

Triad

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



24.5485, 27.4730, 13.6818



21.0495, 27.4730, 46.5559



33.7879, 27.4730, 36.7121

Complementary

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



24.5485, 27.4730, 13.6818



13.8136, 12.5596, 30.5503

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.



31.4136, 27.4730, 48.3170



24.5485, 27.4730, 13.6818



23.9604, 27.4730, 54.8868

Square

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



24.5485, 27.4730, 13.6818



19.5603, 27.4730, 34.7212



27.7411, 27.4730, 55.6003



33.9848, 27.4730, 25.5713

Rectangle

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



24.5485, 27.4730, 13.6818



20.1069, 27.4730, 21.1937



27.7411, 27.4730, 55.6003



33.2080, 27.4730, 40.7467

Sweetspot

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



24.5492, 27.4743, 13.6824



48.3238, 52.0052, 45.7917



18.2995, 14.6228, 12.6848



10.6553, 11.4895, 9.9075



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.5492, 27.4743, 13.6824



42.1052, 47.5188, 19.2073



21.2094, 26.9108, 13.7496



6.2246, 6.6629, 6.1985



17.9225, 20.3595, 2.9852



0.2292, 0.2688, 0.0398

Inverse Universe

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



13.8136, 12.5596, 30.5503



20.4747, 17.4753, 53.2152



16.2316, 13.1595, 30.5386



5.5360, 5.7060, 7.2793



4.6908, 2.0765, 24.0846



0.0651, 0.0408, 0.2973

Previews

White Background



This preview shows how the XYZ color 24.5485, 27.4730, 13.6818 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 24.5485, 27.4730, 13.6818 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 24.5485, 27.4730, 13.6818

Background



This preview shows how black text looks on a background with the XYZ color 24.5485, 27.4730, 13.6818.



This preview shows how white text looks on a background with the XYZ color 24.5485, 27.4730,

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

24.5485, 27.4730, 13.6818

Protanopia

25.3359, 27.4341, 13.4112

Deuteranopia

27.8907, 27.4347, 13.9506



Tritanopia

28.4179, 27.5150, 32.2469

Trichromacy



Original Color

24.5485, 27.4730, 13.6818

Protanomaly

25.1029, 27.5378, 13.4435

Deuteranomaly

26.5763, 27.4040, 13.7863

Tritanomaly

26.7476, 27.4783, 24.3162

Monochromacy



Original Color

24.5485, 27.4730, 13.6818

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6875, 26.6804, 22.2610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5485, 27.4730, 13.6818 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(150, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 90)  
}
```

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(150, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 90) }
```

Border

The CSS property to change the border of an element to XYZ 24.5485, 27.4730, 13.6818 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(150, 145, 90) }
```


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

```
.border{ border-color:rgb(150, 145, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5485, 27.4730, 13.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 90) }
```

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

```
.background{ background-color: rgb(150,  
145, 90) }
```

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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