

Converting Colors

XYZ(24.4086, 27.3274, 13.4086)

Have a look what the booklet for
XYZ(24.4086, 27.3274, 13.4086)
contains.

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Color

**XYZ(24.5062, 27.4561,
13.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	969159
RGB	150, 145, 89
RGB Percent	59%, 57%, 35%
CMY	0.4118, 0.4314, 0.6510
CMYK	0.00, 0.03, 0.41, 0.41
HSL	55°, 26%, 47%
HSV	55°, 41%, 59%
XYZ	24.5062, 27.4561, 13.4591
YIQ	140.1110, 20.9560, -16.3560

Conversions

Conversions Part 2

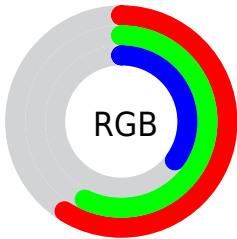
Format	Color
R_{YB}	94, 150, 89
Decimal	9867609
CIE _{Lab}	59.39, -6.74, 30.36
CIE _{LCh}	59, 31.101, 102.514
Yxy	27.4561, 0.3746, 0.4197
Android (android.graphics.Color)	4288057689 (0xFF969159)
YUV	140.1110, -25.1977, 8.6727
Hunter-Lab	52.3986, -8.2151, 21.4498

Details

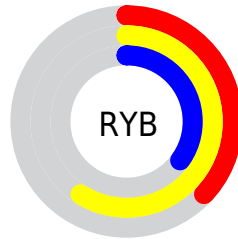
The XYZ color **24.5062, 27.4561, 13.4591** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.6274, 12.3308, 30.5158**, and the grayscale version is **25.0602, 26.3652, 28.7117**.

A 20% lighter version of the original color is **50.3339, 55.7194, 32.9130**, and **9.5471, 10.9483, 3.8005** is the 20% darker color. If you saturate the color by 10%, you get **23.7530, 26.8571, 10.4109**, and if you desaturate by 10%, it is **25.3911, 28.1131, 17.1852**.

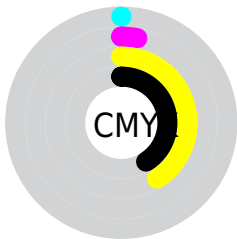
Distribution



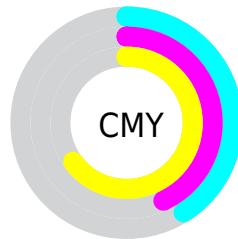
- Red (59%)
- Green (57%)
- Blue (35%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5062, 27.4561, 13.4591 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 24.5062, 27.4561, 13.4591 by changing the saturation by 10% instead.

■ 24.5062, 27.4561,
13.4591

■ 24.5062, 27.4561,
13.4591

267.7630,
289.8587, 225.1496

■ 15.8363, 17.9161,
7.6110

■ 50.3037, 55.6149,
32.8293

■ 9.4985, 10.8897,
3.7629

■ 68.1620, 75.0025,
47.1886

■ 5.1274, 5.9927,
1.4962

■ 89.8138, 98.4413,
65.2219

■ 2.3578, 2.8407,
0.2151

■ 115.6245,
126.3158, 87.3480

■ 0.8240, 1.0491,
0.0000

■ 145.9594,
159.0104, 113.9852

■ 0.0000, 0.0000,
0.0000

181.1839,

196.9095, 145.5522

221.6633,
240.3975, 182.4675

■ 24.5062, 27.4561,
13.4591

■ 24.5062, 27.4561,
13.4591

■ 23.7530, 26.8571,
10.4109

■ 25.3911, 28.1131,
17.1852

■ 23.1217, 26.3090,
7.9974

■ 26.4130, 28.8270,
21.6253

■ 22.6042, 25.8098,
6.1734


■ 27.5792, 29.6020,
26.8149


■ 22.1907, 25.3553,
4.8870


■ 28.8958, 30.4405,
32.7870

■ 21.8695, 24.9410,
4.0770


■ 30.3687, 31.3447,
39.5721

 21.6253, 24.5794,
3.6045

 32.0036, 32.3170,
47.1995

 33.8056, 33.3595,
55.6969

 35.7797, 34.4742,
65.0908

 37.9309, 35.6630,
75.4063

Harmonies

Analogous

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



28.4128, 27.4561, 13.7441



24.5062, 27.4561, 13.4591



21.3535, 27.4561, 16.7038

Triad

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



24.5062, 27.4561, 13.4591



20.9539, 27.4561, 46.8662



33.9145, 27.4561, 36.8170

Complementary

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



24.5062, 27.4561, 13.4591



13.6274, 12.3308, 30.5158

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.



31.4938, 27.4561, 48.6650



24.5062, 27.4561, 13.4591



23.9091, 27.4561, 55.3866

Square

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



24.5062, 27.4561, 13.4591



19.4439, 27.4561, 34.7896



27.7535, 27.4561, 56.1165



34.1152, 27.4561, 25.4825

Rectangle

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



24.5062, 27.4561, 13.4591



19.9979, 27.4561, 21.0450



27.7535, 27.4561, 56.1165



33.3231, 27.4561, 40.9322

Sweetspot

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



24.5069, 27.4574, 13.4597



48.3308, 52.0192, 45.7940



18.1743, 14.4387, 12.4387



10.6570, 11.4929, 9.9081



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.



24.5069, 27.4574, 13.4597



42.0050, 47.4682, 18.7122



21.1063, 26.8626, 13.5241



6.2252, 6.6643, 6.1987



17.9467, 20.4078, 2.9932



0.2293, 0.2691, 0.0399

Inverse Universe

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



13.6274, 12.3308, 30.5158



20.0607, 16.9649, 53.1385



16.0713, 12.9525, 30.5070



5.5354, 5.7048, 7.2791



4.6886, 2.0721, 24.0839



0.0649, 0.0405, 0.2973

Previews

White Background



This preview shows how the XYZ color 24.5062, 27.4561, 13.4591 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 24.5062, 27.4561, 13.4591 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 24.5062, 27.4561, 13.4591

Background



This preview shows how black text looks on a background with the XYZ color 24.5062, 27.4561, 13.4591.



This preview shows how white text looks on a background with the XYZ color 24.5062, 27.4561,

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

24.5062, 27.4561, 13.4591

Protanopia

25.2942, 27.4174, 13.1915

Deuteranopia

27.8472, 27.4173, 13.7219



Tritanopia

28.4179, 27.5150, 32.2469

Trichromacy



Original Color

24.5062, 27.4561, 13.4591

Protanomaly

25.0611, 27.5211, 13.2238

Deuteranomaly

26.5334, 27.3869, 13.5606

Tritanomaly

26.6821, 27.4521, 23.9712

Monochromacy



Original Color

24.5062, 27.4561, 13.4591

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6258, 26.6558, 21.9363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5062, 27.4561, 13.4591 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 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(150, 145, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 89) }
```

Border

The CSS property to change the border of an element to XYZ 24.5062, 27.4561, 13.4591 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, 89) }
```


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

```
.border{ border-color:rgb(150, 145, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 89);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5062, 27.4561, 13.4591 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, 89) }
```

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

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