

Converting Colors

XYZ(24.3861, 29.1751, 18.2879)

Have a look what the booklet for
XYZ(24.3861, 29.1751, 18.2879)
contains.

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Color

**XYZ(24.3616, 29.1624,
18.2548)**

Conversions

Conversions Part 1

Format	Color
Hex	89996B
RGB	137, 153, 107
RGB Percent	54%, 60%, 42%
CMY	0.4627, 0.4000, 0.5804
CMYK	0.10, 0.00, 0.30, 0.40
HSL	81°, 18%, 51%
HSV	81°, 30%, 60%
XYZ	24.3616, 29.1624, 18.2548
YIQ	142.9720, 5.2300, -17.6980

Conversions

Conversions Part 2

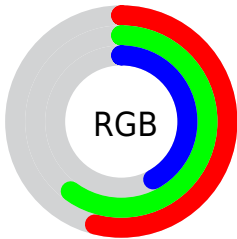
Format	Color
RYB	107, 153, 123
Decimal	9017707
CIELab	60.92, -13.96, 22.35
CIELCh	61, 26.351, 121.998
Yxy	29.1624, 0.3394, 0.4063
Android (android.graphics.Color)	4287207787 (0xFF89996B)
YUV	142.9720, -17.7342, -5.2374
Hunter-Lab	54.0022, -13.9786, 17.7593

Details

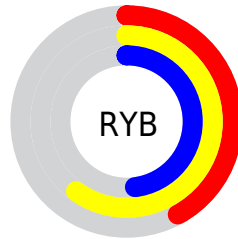
The XYZ color **24.3616, 29.1624, 18.2548** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1770, 17.0270, 32.4145**, and the grayscale version is **26.1650, 27.5276, 29.9776**.

A 20% lighter version of the original color is **50.0567, 58.2052, 41.3973**, and **9.3785, 11.7969, 5.9204** is the 20% darker color. If you saturate the color by 10%, you get **22.7759, 28.4308, 14.3441**, and if you desaturate by 10%, it is **26.1343, 29.9758, 22.9190**.

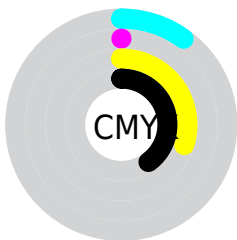
Distribution



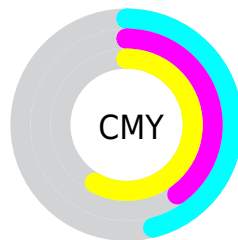
- Red (54%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3616, 29.1624, 18.2548 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 24.3616, 29.1624, 18.2548 by changing the saturation by 10% instead.

■ 24.3616, 29.1624,
18.2548

■ 24.3616, 29.1624,
18.2548

267.0502,
297.9804, 254.5875

■ 15.7283, 19.2037,
10.9617

■ 50.0700, 58.3350,
41.2908

■ 9.4217, 11.8176,
5.9273

■ 67.8758, 78.3177,
57.8708

■ 5.0765, 6.6196,
2.7328

■ 89.4698, 102.4105,
78.3836

■ 2.3275, 3.2253,
0.9599

■ 115.2174,
130.9979, 103.2477

■ 0.8087, 1.2505,
0.0000

145.4838,
164.4642, 132.8815

■ 0.0000, 0.1024,
0.0000

180.6346,

■ 0.0000, 0.0000,

203.1938, 167.7038

0.0000

221.0349,
247.5710, 208.1329

■ 24.3616, 29.1624,
18.2548

■ 24.3616, 29.1624,
18.2548

■ 22.7759, 28.4308,
14.3441

■ 26.1343, 29.9758,
22.9190

■ 21.3669, 27.7738,
11.1454

■ 28.0993, 30.8701,
28.3716

■ 20.1265, 27.1890,
8.6163


■ 30.2645, 31.8497,
34.6473


■ 19.0449, 26.6725,
6.7087


■ 32.6366, 32.9171,
41.7785


■ 18.1112, 26.2199,
5.3684


■ 35.2220, 34.0752,
49.7957


 17.3127, 25.8259,
4.5318

 38.0266, 35.3262,
58.7278

 16.6226, 25.4803,
4.0421

 41.0563, 36.6726,
68.6027

 44.3166, 38.1168,
79.4467

 47.8130, 39.6608,
91.2855

Harmonies

Analogous

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



27.4882, 29.1624, 16.3453



24.3616, 29.1624, 18.2548



22.2830, 29.1624, 23.6701

Triad

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



24.3616, 29.1624, 18.2548



24.7296, 29.1624, 51.5663



34.8609, 29.1624, 31.0976

Complementary

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



24.3616, 29.1624, 18.2548



19.1770, 17.0270, 32.4145

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.



33.9718, 29.1624, 41.4934



24.3616, 29.1624, 18.2548



27.9490, 29.1624, 54.6719

Square

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



24.3616, 29.1624, 18.2548



22.4828, 29.1624, 42.8746



31.3693, 29.1624, 50.6599



33.7086, 29.1624, 22.7428

Rectangle

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



24.3616, 29.1624, 18.2548



21.6753, 29.1624, 29.1905



31.3693, 29.1624, 50.6599



34.7907, 29.1624, 34.4611

Sweetspot

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



24.3623, 29.1637, 18.2554



50.6497, 55.4315, 51.7453



22.7923, 21.8359, 16.9238



11.0738, 12.1898, 11.1130



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.3623, 29.1637, 18.2554



41.7038, 51.3384, 27.8912



21.0725, 27.4677, 18.1015



6.5002, 7.1153, 6.6366



13.7744, 21.0769, 3.3423



0.2448, 0.3352, 0.0518

Inverse Universe

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



19.1770, 17.0270, 32.4145



30.9124, 26.0695, 57.3746



22.7444, 18.8661, 32.5814



6.0771, 6.1256, 7.7910



6.0087, 2.5486, 25.0829



0.1266, 0.0570, 0.3767

Previews

White Background



This preview shows how the XYZ color 24.3616, 29.1624, 18.2548 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 24.3616, 29.1624, 18.2548 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 24.3616, 29.1624, 18.2548

Background



This preview shows how black text looks on a background with the XYZ color 24.3616, 29.1624, 18.2548.



This preview shows how white text looks on a background with the XYZ color 24.3616, 29.1624,

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

24.3616, 29.1624, 18.2548

Protanopia

27.0330, 29.1360, 17.2957

Deuteranopia

29.5729, 29.0598, 18.8023



Tritanopia

27.9520, 28.9557, 36.4635

Trichromacy



Original Color

24.3616, 29.1624, 18.2548

Protanomaly

25.8749, 28.9988, 17.5982

Deuteranomaly

27.3829, 28.8285, 18.5892

Tritanomaly

26.3922, 29.0217, 28.6368

Monochromacy



Original Color

24.3616, 29.1624, 18.2548

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4475, 28.1419, 25.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3616, 29.1624, 18.2548 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(137, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(137, 153, 107)  
}
```

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(137, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 153, 107) }
```

Border

The CSS property to change the border of an element to XYZ 24.3616, 29.1624, 18.2548 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(137, 153, 107) }
```


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

```
.border{ border-color:rgb(137, 153, 107) }
```

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

Here you see how a box with a 4 pixel rgb(137, 153, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(137, 153,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3616, 29.1624, 18.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 153, 107) }
```

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

```
.background{ background-color: rgb(137,  
153, 107) }
```

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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