

Converting Colors

XYZ(24.0813, 28.3521, 17.6009)

Have a look what the booklet for
XYZ(24.0813, 28.3521, 17.6009)
contains.

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Color

**XYZ(24.1036, 28.3216,
17.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9669
RGB	139, 150, 105
RGB Percent	55%, 59%, 41%
CMY	0.4549, 0.4117, 0.5882
CMYK	0.07, 0.00, 0.30, 0.41
HSL	75°, 18%, 50%
HSV	75°, 30%, 59%
XYZ	24.1036, 28.3216, 17.5608
YIQ	141.5810, 7.8890, -16.3270

Conversions

Conversions Part 2

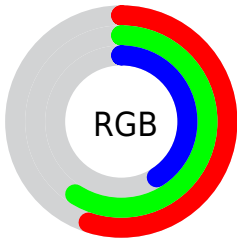
Format	Color
R_{YB}	105, 150, 116
Decimal	9148009
CIE _{Lab}	60.18, -11.87, 22.48
CIE _{LCh}	60, 25.418, 117.841
Yxy	28.3216, 0.3444, 0.4047
Android (android.graphics.Color)	4287338089 (0xFF8B9669)
YUV	141.5810, -18.0344, -2.2635
Hunter-Lab	53.2180, -12.2851, 17.6882

Details

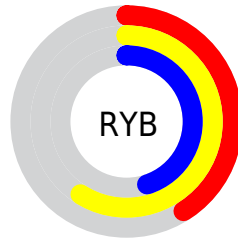
The XYZ color **24.1036, 28.3216, 17.5608** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7602, 16.0189, 31.0117**, and the grayscale version is **25.6130, 26.9469, 29.3452**.

A 20% lighter version of the original color is **49.6710, 56.9575, 40.2742**, and **9.2249, 11.2938, 5.5646** is the 20% darker color. If you saturate the color by 10%, you get **22.7977, 27.7306, 13.8241**, and if you desaturate by 10%, it is **25.5675, 28.9801, 22.0160**.

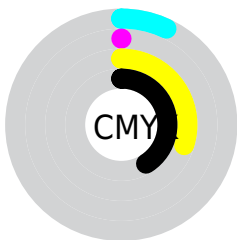
Distribution



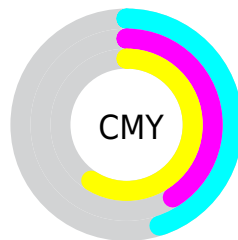
- Red (55%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (45%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1036, 28.3216, 17.5608 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 24.1036, 28.3216, 17.5608 by changing the saturation by 10% instead.

■ 24.1036, 28.3216,
17.5608

■ 24.1036, 28.3216,
17.5608

265.7746,
294.0005, 250.5361

■ 15.5356, 18.5682,
10.4690

■ 49.6527, 56.9975,
40.0913

■ 9.2849, 11.3587,
5.6013

■ 67.3645, 76.6888,
56.3670

■ 4.9861, 6.3086,
2.5394

■ 88.8549, 100.4615,
76.5411

■ 2.2738, 3.0337,
0.8609

■ 114.4894,
128.7001, 101.0321

■ 0.7812, 1.1493,
0.0000

144.6333,
161.7889, 130.2586

■ 0.0000, 0.0197,
0.0000

179.6518,

■ 0.0000, 0.0000,

200.1122, 164.6390

0.0000

219.9105,
244.0547, 204.5921

■ 24.1036, 28.3216,
17.5608

■ 24.1036, 28.3216,
17.5608

■ 22.7977, 27.7306,
13.8241

■ 25.5675, 28.9801,
22.0160

■ 21.6403, 27.2005,
10.7664

■ 27.1941, 29.7051,
27.2228

■ 20.6242, 26.7291,
8.3472


■ 28.9905, 30.5004,
33.2144


■ 19.7404, 26.3130,
6.5211


■ 30.9627, 31.3685,
40.0215


■ 18.9791, 25.9482,
5.2365


■ 33.1164, 32.3116,
47.6731


 18.3284, 25.6299,
4.4330

 35.4570, 33.3320,
56.1969

 17.7590, 25.3463,
3.9563

 37.9898, 34.4318,
65.6192

 40.7197, 35.6129,
75.9652

 43.6514, 36.8773,
87.2592

Harmonies

Analogous

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



27.1551, 28.3216, 16.1834



24.1036, 28.3216, 17.5608



21.9658, 28.3216, 22.2557

Triad

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



24.1036, 28.3216, 17.5608



23.7266, 28.3216, 48.6128



33.6615, 28.3216, 31.5169

Complementary

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



24.1036, 28.3216, 17.5608



17.7602, 16.0189, 31.0117

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.



32.5655, 28.3216, 41.3823



24.1036, 28.3216, 17.5608



26.6840, 28.3216, 52.4112

Square

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



24.1036, 28.3216, 17.5608



21.7608, 28.3216, 39.9771



29.9452, 28.3216, 49.5323



32.8336, 28.3216, 23.2091

Rectangle

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



24.1036, 28.3216, 17.5608



21.2585, 28.3216, 27.2180



29.9452, 28.3216, 49.5323



33.5041, 28.3216, 34.7642

Sweetspot

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



24.1043, 28.3229, 17.5614



48.2385, 52.5308, 48.8573



21.3164, 19.8806, 16.0788



10.6012, 11.6019, 10.5358



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.



24.1043, 28.3229, 17.5614



40.9599, 49.2674, 26.4301



20.7932, 26.6159, 17.4064



6.1283, 6.6740, 6.2057



14.7580, 21.0359, 3.2825



0.2072, 0.2712, 0.0414

Inverse Universe

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



17.7602, 16.0189, 31.0117



27.9268, 23.9801, 54.0780



21.0388, 17.7091, 31.1651



5.6245, 5.6974, 7.2730



5.2146, 2.1608, 24.0733



0.0871, 0.0384, 0.2957

Previews

White Background



This preview shows how the XYZ color 24.1036, 28.3216, 17.5608 looks on a white background.

Color Contrast Check

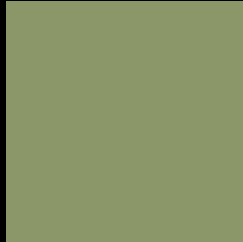
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1036, 28.3216, 17.5608 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 24.1036, 28.3216, 17.5608

Background



This preview shows how black text looks on a background with the XYZ color 24.1036, 28.3216, 17.5608.



This preview shows how white text looks on a background with the XYZ color 24.1036, 28.3216,

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

24.1036, 28.3216, 17.5608

Protanopia

26.2839, 28.2980, 16.9087

Deuteranopia

28.6810, 28.1847, 17.8385



Tritanopia

27.7437, 28.4241, 35.0345

Trichromacy



Original Color

24.1036, 28.3216, 17.5608

Protanomaly

25.5101, 28.3509, 17.2245

Deuteranomaly

26.7221, 28.0565, 17.6427

Tritanomaly

26.1219, 28.2036, 27.7340

Monochromacy



Original Color

24.1036, 28.3216, 17.5608

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.0724, 27.4985, 24.7552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1036, 28.3216, 17.5608 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(139, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(139, 150, 105)  
}
```

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(139, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 150, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.1036, 28.3216, 17.5608 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(139, 150, 105) }
```


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

```
.border{ border-color:rgb(139, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(139, 150,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1036, 28.3216, 17.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 150, 105) }
```

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

```
.background{ background-color: rgb(139,  
150, 105) }
```

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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