

Converting Colors

XYZ(36.2274, 30.9661, 24.1715)

Have a look what the booklet for
XYZ(36.2274, 30.9661, 24.1715)
contains.

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Color

**XYZ(36.1753, 30.8619,
24.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	C8867F
RGB	200, 134, 127
RGB Percent	78%, 53%, 50%
CMY	0.2157, 0.4745, 0.5020
CMYK	0.00, 0.33, 0.36, 0.22
HSL	6°, 40%, 64%
HSV	6°, 36%, 78%
XYZ	36.1753, 30.8619, 24.1290
YIQ	152.9360, 41.5830, 11.8150

Conversions

Conversions Part 2

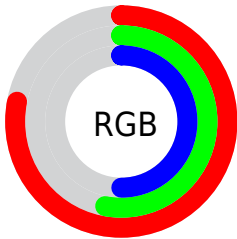
Format	Color
R_{YB}	200, 135, 127
Decimal	13141631
CIE _{Lab}	62.39, 24.46, 14.13
CIE _{LCh}	62, 28.245, 30.012
Yxy	30.8619, 0.3968, 0.3385
Android (android.graphics.Color)	4291331711 (0xFFC8867F)
YUV	152.9360, -12.7864, 41.2751
Hunter-Lab	55.5535, 19.0170, 13.1355

Details

The XYZ color **36.1753, 30.8619, 24.1290** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2469, 46.8203, 61.6650**, and the grayscale version is **30.2924, 31.8699, 34.7064**.

A 20% lighter version of the original color is **67.4614, 60.5217, 51.3063**, and **16.0471, 12.8200, 8.8365** is the 20% darker color. If you saturate the color by 10%, you get **32.7100, 25.8143, 17.1689**, and if you desaturate by 10%, it is **40.3282, 36.8705, 32.5954**.

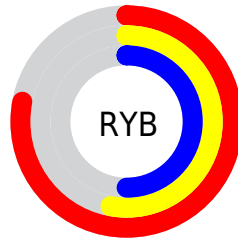
Distribution



Red (78%)

Green (53%)

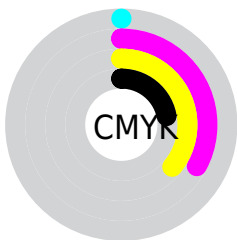
Blue (50%)



Red (78%)

Yellow (53%)

Blue (50%)

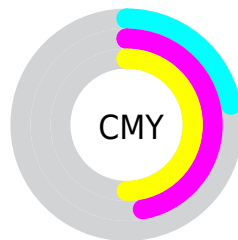


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (47%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1753, 30.8619, 24.1290 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 36.1753, 30.8619, 24.1290 by changing the saturation by 10% instead.


 36.1753, 30.8619,
24.1290


 36.1753, 30.8619,
24.1290


321.1440,
305.9016, 286.7795


 24.7404, 20.4937,
15.2163


 68.6247, 61.0226,
51.1871

 16.0114, 12.7544,
8.8230


 90.3698, 81.5839,
70.1695

 9.6231, 7.2597,
4.5307


 116.2823,
106.3116, 93.3456

 5.2101, 3.6250,
1.9208

146.7277,
135.5903, 121.1339

 2.4071, 1.4661,
0.5059

182.0711,
169.8042, 153.9528

 0.8487, 0.2647,
0.0000

222.6781,

 0.0000, 0.0000,

209.3378, 192.2211

0.0000

268.9139,
254.5755, 236.3571

■ 36.1753, 30.8619,
24.1290

■ 36.1753, 30.8619,
24.1290

■ 32.7100, 25.8143,
17.1689

■ 40.3282, 36.8705,
32.5954

■ 29.8928, 21.6736,
11.6250

■ 45.2007, 43.8817,
42.6474

■ 27.6839, 18.3872,
7.4004

■ 50.8255, 51.9399,
54.3610

■ 26.0379, 15.8953,
4.3852

■ 57.2327, 61.0858,
67.8065

■ 24.9031, 14.1302,
2.4518

■ 64.4508, 71.3576,
83.0504

■ 24.2166, 13.0124,
1.4363

■ 72.5067, 82.7920,
100.1556

■ 24.0555, 12.7516,
1.1934

■ 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



37.3214, 30.8619, 33.5990



36.1753, 30.8619, 24.1290



33.1658, 30.8619, 18.4599

Triad

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



36.1753, 30.8619, 24.1290



23.4121, 30.8619, 24.1351



29.3348, 30.8619, 59.3800

Complementary

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



36.1753, 30.8619, 24.1290



38.2469, 46.8203, 61.6650

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.



25.8081, 30.8619, 55.3524



36.1753, 30.8619, 24.1290



22.5750, 30.8619, 33.6077

Square

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



36.1753, 30.8619, 24.1290



25.8056, 30.8619, 18.4628



23.4135, 30.8619, 45.2806



33.1687, 30.8619, 55.3463

Rectangle

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



36.1753, 30.8619, 24.1290



30.6278, 30.8619, 16.8326



23.4135, 30.8619, 45.2806



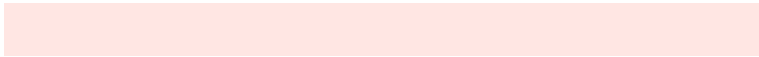
28.0759, 30.8619, 58.9145

Sweetspot

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



36.1761, 30.8634, 24.1296



83.2953, 83.1975, 84.3055



41.1372, 31.3497, 54.8729



17.5434, 17.3990, 17.4510



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.1761, 30.8634, 24.1296



57.6668, 46.2052, 31.7864



41.9471, 42.4053, 26.0533



10.7144, 10.7979, 11.0823



15.3255, 8.1682, 0.7689



0.7543, 0.4441, 0.0460

Inverse Universe

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



38.2469, 46.8203, 61.6650



61.7643, 77.8843, 106.3856



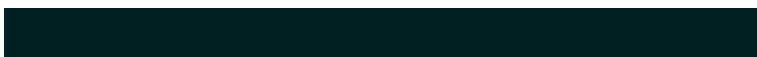
31.3056, 32.9377, 59.3512



10.8564, 11.8868, 13.6397



17.1468, 23.6876, 38.4128



0.8378, 1.1734, 1.8275

Previews

White Background



This preview shows how the XYZ color 36.1753, 30.8619, 24.1290 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 36.1753, 30.8619, 24.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

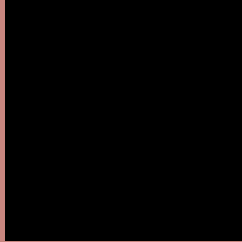
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1753, 30.8619, 24.1290

Background



This preview shows how black text looks on a background with the XYZ color 36.1753, 30.8619, 24.1290.



This preview shows how white text looks on a background with the XYZ color 36.1753, 30.8619,

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

36.1753, 30.8619, 24.1290

Protanopia

29.5403, 31.1516, 27.3776

Deuteranopia

31.5063, 30.8454, 23.6952



Tritanopia

37.2211, 30.8730, 29.5885

Trichromacy



Original Color

36.1753, 30.8619, 24.1290

Protanomaly

31.5238, 30.8010, 26.1135

Deuteranomaly

33.0579, 30.7465, 23.9310

Tritanomaly

36.9903, 30.9987, 27.7007

Monochromacy



Original Color

36.1753, 30.8619, 24.1290

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8905, 31.1174, 30.7110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1753, 30.8619, 24.1290 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(200, 134, 127)` looks like.

```
.text, #text, p{  
    color:rgb(200, 134, 127)  
}
```

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(200, 134, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 134, 127) }
```

Border

The CSS property to change the border of an element to XYZ 36.1753, 30.8619, 24.1290 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(200, 134, 127) }
```


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

```
.border{ border-color:rgb(200, 134, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 134, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 134, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 134, 127);  
box-shadow:4px 4px 4px 4px rgb(200, 134,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1753, 30.8619, 24.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 134, 127) }
```

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

```
.background{ background-color: rgb(200,  
134, 127) }
```

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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