

Converting Colors

XYZ(34.6142, 30.0263, 25.4440)

Have a look what the booklet for
XYZ(34.6142, 30.0263, 25.4440)
contains.

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Color

**XYZ(34.6142, 30.0263,
25.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	C18683
RGB	193, 134, 131
RGB Percent	76%, 53%, 51%
CMY	0.2431, 0.4745, 0.4863
CMYK	0.00, 0.31, 0.32, 0.24
HSL	3°, 33%, 64%
HSV	3°, 32%, 76%
XYZ	34.6142, 30.0263, 25.4440
YIQ	151.2990, 36.1270, 11.5750

Conversions

Conversions Part 2

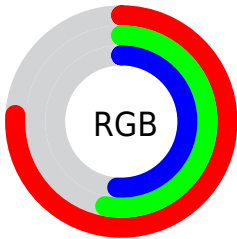
Format	Color
R_{YB}	193, 134, 131
Decimal	12682883
CIE _{Lab}	61.68, 22.25, 10.74
CIE _{LCh}	62, 24.702, 25.763
Yxy	30.0263, 0.3842, 0.3333
Android (android.graphics.Color)	4290872963 (0xFFC18683)
YUV	151.2990, -10.0074, 36.5718
Hunter-Lab	54.7963, 16.8631, 10.8268

Details

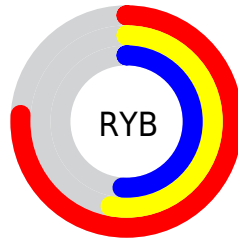
The XYZ color **34.6142, 30.0263, 25.4440** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3987, 45.5012, 57.2639**, and the grayscale version is **29.5748, 31.1150, 33.8843**.

A 20% lighter version of the original color is **66.4186, 59.9364, 53.4156**, and **15.1745, 12.3531, 9.5672** is the 20% darker color. If you saturate the color by 10%, you get **31.1044, 24.9086, 18.4105**, and if you desaturate by 10%, it is **38.8101, 36.1259, 33.9089**.

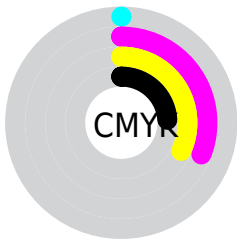
Distribution



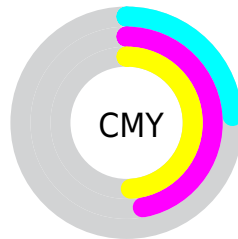
- Red (76%)
- Green (53%)
- Blue (51%)



- Red (76%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (32%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6142, 30.0263, 25.4440 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 34.6142, 30.0263, 25.4440 by changing the saturation by 10% instead.


 34.6142, 30.0263,
25.4440


 34.6142, 30.0263,
25.4440


314.4001,
302.0270, 293.5601


 23.5310, 19.8586,
16.1861


 66.2256, 59.7038,
53.3496

 15.1089, 12.2923,
9.5002


 87.4845, 79.9823,
72.8345

 8.9827, 6.9430,
4.9676


 112.8661,
104.3998, 96.5654

 4.7869, 3.4265,
2.1699

142.7355,
133.3408, 124.9609

 2.1562, 1.3582,
0.6569

177.4583,
167.1896, 158.4396

 0.7195, 0.1856,
0.0000

217.3998,

 0.0000, 0.0000,

206.3307, 197.4200

0.0000

262.9252,
251.1483, 242.3207

■ 34.6142, 30.0263,
25.4440

■ 34.6142, 30.0263,
25.4440

■ 31.1044, 24.9086,
18.4105

■ 38.8101, 36.1259,
33.9089

■ 28.2419, 20.7175,
12.7277

■ 43.7233, 43.2504,
43.8764

■ 25.9879, 17.3988,
8.3095

■ 49.3861, 51.4455,
55.4149

■ 24.2982, 14.8911,
5.0592

■ 55.8280, 60.7527,
68.5884

■ 23.1228, 13.1246,
2.8661

■ 63.0770, 71.2115,
83.4570

■ 22.4029, 12.0182,
1.5985

■ 71.1596, 82.8593,
100.0779

■ 22.0939, 11.5405,
1.0631

■ 75.8025, 90.0775,
107.9992

Harmonies

Analogous

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



35.3133, 30.0263, 34.0483



34.6142, 30.0263, 25.4440



32.2425, 30.0263, 19.9024

Triad

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



34.6142, 30.0263, 25.4440



23.6290, 30.0263, 23.5353



28.0750, 30.0263, 54.2564

Complementary

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



34.6142, 30.0263, 25.4440



37.3987, 45.5012, 57.2639

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.



25.1307, 30.0263, 50.0456



34.6142, 30.0263, 25.4440



22.6918, 30.0263, 31.3752

Square

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



34.6142, 30.0263, 25.4440



25.8806, 30.0263, 18.9578



23.2200, 30.0263, 41.2038



31.3736, 30.0263, 51.8418

Rectangle

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



34.6142, 30.0263, 25.4440



30.1209, 30.0263, 18.1068



23.2200, 30.0263, 41.2038



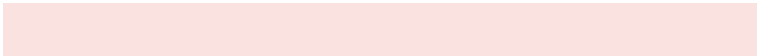
27.0137, 30.0263, 53.5500

Sweetspot

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



34.6150, 30.0277, 25.4446



80.1960, 80.1952, 82.4222



39.5056, 31.3291, 53.2170



16.9121, 16.7807, 17.0869



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.6150, 30.0277, 25.4446



57.1762, 46.7553, 35.9058



39.3768, 39.5513, 27.0319



10.1115, 10.1544, 10.4889



14.7120, 7.7097, 0.7127



0.6494, 0.3607, 0.0354

Inverse Universe

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



37.3987, 45.5012, 57.2639



62.9772, 79.0265, 102.2947



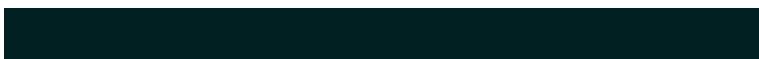
31.5453, 33.7944, 55.3127



10.3254, 11.3421, 12.9299



17.7717, 25.2998, 37.5033



0.7809, 1.1193, 1.6248

Previews

White Background



This preview shows how the XYZ color 34.6142, 30.0263, 25.4440 looks on a white background.

Color Contrast Check

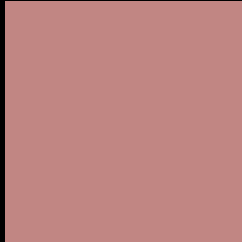
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6142, 30.0263, 25.4440 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 34.6142, 30.0263, 25.4440

Background



This preview shows how black text looks on a background with the XYZ color 34.6142, 30.0263, 25.4440.



This preview shows how white text looks on a background with the XYZ color 34.6142, 30.0263,

25.4440.

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

34.6142, 30.0263, 25.4440

Protanopia

28.7341, 30.2290, 28.7464

Deuteranopia

30.7303, 30.1894, 24.9764



Tritanopia

35.3819, 29.9249, 29.5024

Trichromacy



Original Color

34.6142, 30.0263, 25.4440

Protanomaly

30.5656, 30.0489, 27.4816

Deuteranomaly

31.9978, 29.9516, 25.2139

Tritanomaly

35.2231, 30.0794, 27.9942

Monochromacy



Original Color

34.6142, 30.0263, 25.4440

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.8853, 30.3714, 30.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6142, 30.0263, 25.4440 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(193, 134, 131)` looks like.

```
.text, #text, p{  
    color:rgb(193, 134, 131)  
}
```

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(193, 134, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 134, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.6142, 30.0263, 25.4440 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(193, 134, 131) }
```


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

```
.border{ border-color:rgb(193, 134, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 134, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 134, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 134, 131); box-shadow:4px 4px 4px 4px rgb(193, 134, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6142, 30.0263, 25.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 134, 131) }
```

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

```
.background{ background-color: rgb(193,  
134, 131) }
```

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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