

Converting Colors

XYZ(32.5102, 31.5869, 13.4773)

Have a look what the booklet for
XYZ(32.5102, 31.5869, 13.4773)
contains.

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Color

**XYZ(32.5847, 31.6303,
13.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9157
RGB	188, 145, 87
RGB Percent	74%, 57%, 34%
CMY	0.2627, 0.4314, 0.6588
CMYK	0.00, 0.23, 0.54, 0.26
HSL	34°, 43%, 54%
HSV	34°, 54%, 74%
XYZ	32.5847, 31.6303, 13.4047
YIQ	151.2450, 44.2460, -8.9220

Conversions

Conversions Part 2

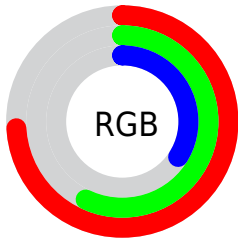
Format	Color
RYB	162, 188, 87
Decimal	12357975
CIELab	63.04, 9.27, 36.78
CIELCh	63, 37.925, 75.855
Yxy	31.6303, 0.4198, 0.4075
Android (android.graphics.Color)	4290548055 (0xFFBC9157)
YUV	151.2450, -31.6728, 32.2341
Hunter-Lab	56.2408, 4.9976, 25.2371

Details

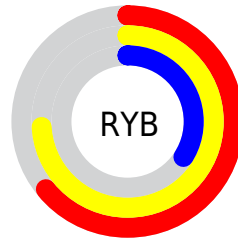
The XYZ color **32.5847, 31.6303, 13.4047** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.9898, 21.6213, 50.6437**, and the grayscale version is **29.6393, 31.1828, 33.9581**.

A 20% lighter version of the original color is **63.0169, 62.2747, 32.7436**, and **13.9741, 13.2364, 3.7378** is the 20% darker color. If you saturate the color by 10%, you get **30.7344, 29.0030, 9.4795**, and if you desaturate by 10%, it is **34.7227, 34.5129, 18.4133**.

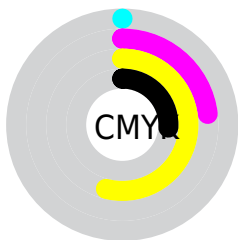
Distribution



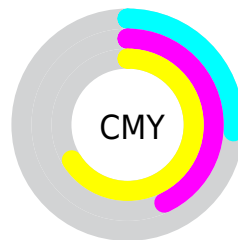
- Red (74%)
- Green (57%)
- Blue (34%)



- Red (64%)
- Yellow (74%)
- Blue (34%)



- Cyan (0%)
- Magenta (23%)
- Yellow (54%)
- Black (26%)



- Cyan (26%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5847, 31.6303, 13.4047 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 32.5847, 31.6303, 13.4047 by changing the saturation by 10% instead.

■ 32.5847, 31.6303,
13.4047

■ 32.5847, 31.6303,
13.4047

305.4724,
309.4317, 224.7935

■ 21.9662, 21.0793,
7.5738

■ 63.0856, 62.2311,
32.7307

■ 13.9485, 13.1820,
3.7396

■ 83.6988, 83.0496,
47.0630

■ 8.1663, 7.5540,
1.4836

■ 108.3742,
108.0594, 65.0661

■ 4.2543, 3.8109,
0.2057

■ 137.4772,
137.6449, 87.1586

■ 1.8470, 1.5683,
0.0000

■ 171.3731,
172.1905, 113.7590

■ 0.5457, 0.3361,
0.0000

210.4274,

■ 0.0000, 0.0000,

212.0806, 145.2860

0.0000

255.0054,
257.6995, 182.1579

■ 32.5847, 31.6303,
13.4047

■ 32.5847, 31.6303,
13.4047

■ 30.7344, 29.0030,
9.4795

■ 34.7227, 34.5129,
18.4133

■ 29.1519, 26.6167,
6.5515

■ 37.1620, 37.6555,
24.5785

■ 27.8179, 24.4619,
4.5245

■ 39.9179, 41.0679,
31.9694

■ 26.7084, 22.5260,
3.2818

■ 43.0040, 44.7583,
40.6491

■ 26.0982, 21.4099,
2.7570

■ 46.4328, 48.7340,
50.6762

■ 50.2162, 53.0025,
62.1058

■ 54.3655, 57.5705,
74.9899

■ 58.8914, 62.4447,
89.3777

■ 63.6102, 67.5538,
104.2943

Harmonies

Analogous

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



37.6129, 31.6303, 17.6524



32.5847, 31.6303, 13.4047



27.4032, 31.6303, 13.5234

Triad

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



32.5847, 31.6303, 13.4047



21.4025, 31.6303, 42.9085



37.8594, 31.6303, 58.6003

Complementary

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



32.5847, 31.6303, 13.4047



20.9898, 21.6213, 50.6437

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.



32.8910, 31.6303, 70.1678



32.5847, 31.6303, 13.4047



23.5988, 31.6303, 59.4693

Square

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



32.5847, 31.6303, 13.4047



21.3408, 31.6303, 27.8799



27.6761, 31.6303, 70.5253



40.8885, 31.6303, 41.9560

Rectangle

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



32.5847, 31.6303, 13.4047



24.5577, 31.6303, 15.9958



27.6761, 31.6303, 70.5253



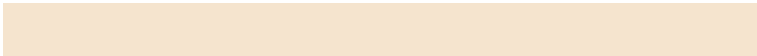
36.3365, 31.6303, 63.3988

Sweetspot

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



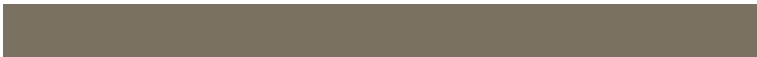
32.5855, 31.6318, 13.4053



76.4605, 79.3712, 69.4487



28.2282, 19.1404, 23.5968



16.1913, 16.7694, 14.2240



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.5855, 31.6318, 13.4053



55.2946, 51.9660, 16.3764



38.8220, 46.5103, 15.9485



9.9728, 10.4215, 10.0626



17.8440, 14.7269, 1.9021



0.7626, 0.7041, 0.0957

Inverse Universe

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



20.9898, 21.6213, 50.6437



32.1794, 32.0450, 90.7155



17.0743, 12.8132, 49.1499



9.3414, 9.8751, 12.0860



8.2054, 6.5224, 33.2194



0.3863, 0.3854, 1.3229

Previews

White Background



This preview shows how the XYZ color 32.5847, 31.6303, 13.4047 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 32.5847, 31.6303, 13.4047 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 32.5847, 31.6303, 13.4047

Background



This preview shows how black text looks on a background with the XYZ color 32.5847, 31.6303, 13.4047.



This preview shows how white text looks on a background with the XYZ color 32.5847, 31.6303,

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

32.5847, 31.6303, 13.4047

Protanopia

29.1730, 31.7361, 14.2610

Deuteranopia

32.2489, 31.6850, 13.4329



Tritanopia

36.4261, 31.6525, 32.2067

Trichromacy



Original Color

32.5847, 31.6303, 13.4047

Protanomaly

30.3887, 31.6479, 13.9582

Deuteranomaly

32.4927, 31.8107, 13.4444

Tritanomaly

34.7766, 31.6325, 24.0114

Monochromacy



Original Color

32.5847, 31.6303, 13.4047

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9536, 30.9459, 24.8165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5847, 31.6303, 13.4047 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(188, 145, 87)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 87)  
}
```

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(188, 145, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 87) }
```

Border

The CSS property to change the border of an element to XYZ 32.5847, 31.6303, 13.4047 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(188, 145, 87) }
```


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

```
.border{ border-color:rgb(188, 145, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 87);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5847, 31.6303, 13.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 87) }
```

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

```
.background{ background-color: rgb(188,  
145, 87) }
```

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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