

Converting Colors

XYZ(32.1184, 30.9339, 25.2369)

Have a look what the booklet for
XYZ(32.1184, 30.9339, 25.2369)
contains.

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Color

**XYZ(32.1340, 30.9053,
25.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	B19082
RGB	177, 144, 130
RGB Percent	69%, 56%, 51%
CMY	0.3059, 0.4353, 0.4902
CMYK	0.00, 0.19, 0.27, 0.31
HSL	18°, 23%, 60%
HSV	18°, 27%, 69%
XYZ	32.1340, 30.9053, 25.3908
YIQ	152.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

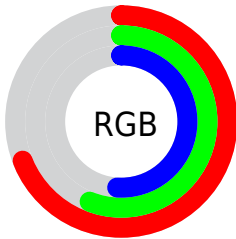
Format	Color
RYB	177, 150, 130
Decimal	11636866
CIELab	62.43, 10.27, 12.12
CIElCh	62, 15.884, 49.716
Yxy	30.9053, 0.3634, 0.3495
Android (android.graphics.Color)	4289826946 (0xFFB19082)
YUV	152.2710, -10.9796, 21.6873
Hunter-Lab	55.5925, 5.8909, 11.8352

Details

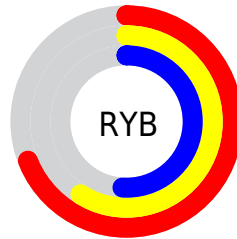
The XYZ color **32.1340, 30.9053, 25.3908** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.2387, 34.1137, 46.5861**, and the grayscale version is **30.0014, 31.5638, 34.3730**.

A 20% lighter version of the original color is **62.3456, 61.1307, 53.3132**, and **13.8001, 12.8846, 9.5442** is the 20% darker color. If you saturate the color by 10%, you get **29.2671, 26.9120, 19.0693**, and if you desaturate by 10%, it is **35.4141, 35.3976, 32.8591**.

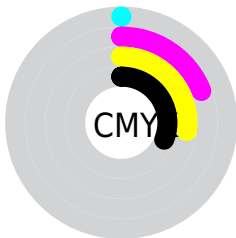
Distribution



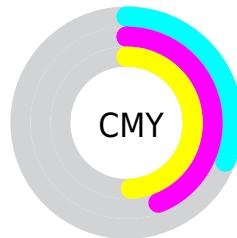
- Red (69%)
- Green (56%)
- Blue (51%)



- Red (69%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1340, 30.9053, 25.3908 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 32.1340, 30.9053, 25.3908 by changing the saturation by 10% instead.


 32.1340, 30.9053,
25.3908


 32.1340, 30.9053,
25.3908


303.4637,
306.1018, 293.2883


 21.6199, 20.5267,
16.1468


 62.3849, 61.0909,
53.2625

 13.6929, 12.7785,
9.4726


 82.8524, 81.6668,
72.7272

 7.9877, 7.2762,
4.9497


 107.3684,
106.4106, 96.4359

 4.1388, 3.6354,
2.1596

136.2983,
135.7067, 124.8072

 1.7810, 1.4718,
0.6509

170.0074,
169.9394, 158.2595

 0.5062, 0.2688,
0.0000

208.8611,

 0.0000, 0.0000,

209.4933, 197.2115

0.0000

253.2247,
254.7526, 242.0815

■ 32.1340, 30.9053,
25.3908

■ 32.1340, 30.9053,
25.3908

■ 29.2671, 26.9120,
19.0693

■ 35.4141, 35.3976,
32.8591

■ 26.7939, 23.3959,
13.8353

■ 39.1211, 40.4012,
41.5254

■ 24.6967, 20.3397,
9.6272

■ 43.2710, 45.9335,
51.4405

■ 22.9555, 17.7236,
6.3762

■ 47.8782, 52.0095,
62.6513

■ 21.5483, 15.5261,
4.0051

■ 52.9564, 58.6438,
75.2025

■ 20.4500, 13.7236,
2.4244

■ 58.5188, 65.8503,
89.1366

■ 19.6291, 12.2887,
1.5126

■ 64.5781, 73.6425,
104.4941

■ 19.3927, 11.8694,
1.2689

■ 68.3568, 80.9176,
106.6236

■ 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



33.4474, 30.9053, 29.8066



32.1340, 30.9053, 25.3908



30.1200, 30.9053, 23.2792

Triad

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



32.1340, 30.9053, 25.3908



25.4859, 30.9053, 31.5776



30.7937, 30.9053, 46.0940

Complementary

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



32.1340, 30.9053, 25.3908



30.2387, 34.1137, 46.5861

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.



28.6415, 30.9053, 46.7192



32.1340, 30.9053, 25.3908



25.6465, 30.9053, 37.8117

Square

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



32.1340, 30.9053, 25.3908



26.3277, 30.9053, 26.5507



26.7778, 30.9053, 43.5317



32.6478, 30.9053, 41.9153

Rectangle

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



32.1340, 30.9053, 25.3908



28.6813, 30.9053, 23.2632



26.7778, 30.9053, 43.5317



30.0789, 30.9053, 46.7446

Sweetspot

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



32.1348, 30.9067, 25.3914



68.9608, 70.8756, 71.7658



32.7867, 27.9817, 38.6455



14.7252, 15.0644, 15.0361



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.1348, 30.9067, 25.3914



54.3874, 50.9600, 38.4489



35.9462, 38.5294, 26.6619



8.6959, 8.9043, 8.9129



14.0977, 8.6940, 0.9351



0.4958, 0.3780, 0.0468

Inverse Universe

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



30.2387, 34.1137, 46.5861



50.3978, 57.6853, 82.9734



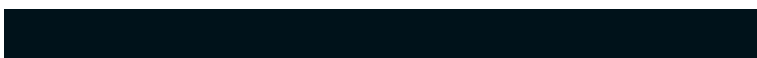
26.5470, 26.7304, 45.3555



8.5246, 9.1955, 10.8319



11.0508, 12.9020, 32.0449



0.3956, 0.5018, 1.0242

Previews

White Background



This preview shows how the XYZ color 32.1340, 30.9053, 25.3908 looks on a white background.

Color Contrast Check

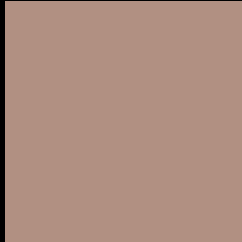
Large Text (above 18pt) WCAG AA × Fail

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 32.1340, 30.9053, 25.3908 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 32.1340, 30.9053, 25.3908

Background



This preview shows how black text looks on a background with the XYZ color 32.1340, 30.9053, 25.3908.



This preview shows how white text looks on a background with the XYZ color 32.1340, 30.9053,

25.3908.

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

32.1340, 30.9053, 25.3908

Protanopia

29.4008, 31.0958, 26.6428

Deuteranopia

31.3882, 30.7467, 25.3995



Tritanopia

33.7828, 30.9005, 33.8896

Trichromacy



Original Color

32.1340, 30.9053, 25.3908

Protanomaly

30.2718, 30.8451, 26.1880

Deuteranomaly

31.6102, 30.8612, 25.4099

Tritanomaly

33.0671, 30.8246, 30.5925

Monochromacy



Original Color

32.1340, 30.9053, 25.3908

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.4794, 31.0856, 30.7792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1340, 30.9053, 25.3908 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(177, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(177, 144, 130)  
}
```

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(177, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 144, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.1340, 30.9053, 25.3908 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(177, 144, 130) }
```


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

```
.border{ border-color:rgb(177, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(177, 144,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1340, 30.9053, 25.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 144, 130) }
```

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

```
.background{ background-color: rgb(177,  
144, 130) }
```

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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