

Converting Colors

XYZ(31.2085, 29.3497, 25.0754)

Have a look what the booklet for
XYZ(31.2085, 29.3497, 25.0754)
contains.

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Color

**XYZ(31.1664, 29.3070,
25.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	B08B82
RGB	176, 139, 130
RGB Percent	69%, 55%, 51%
CMY	0.3098, 0.4549, 0.4902
CMYK	0.00, 0.21, 0.26, 0.31
HSL	12°, 23%, 60%
HSV	12°, 26%, 69%
XYZ	31.1664, 29.3070, 25.1333
YIQ	149.0370, 24.9410, 5.0450

Conversions

Conversions Part 2

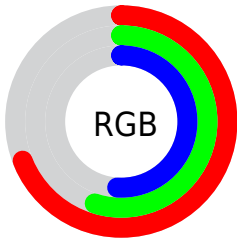
Format	Color
RYB	176, 141, 130
Decimal	11570050
CIELab	61.05, 12.67, 10.16
CIElCh	61, 16.241, 38.733
Yxy	29.3070, 0.3641, 0.3423
Android (android.graphics.Color)	4289760130 (0xFFB08B82)
YUV	149.0370, -9.3852, 23.6466
Hunter-Lab	54.1359, 8.0257, 10.3690

Details

The XYZ color **31.1664, 29.3070, 25.1333** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.8609, 35.5171, 46.3035**, and the grayscale version is **28.6141, 30.1043, 32.7836**.

A 20% lighter version of the original color is **60.8959, 58.7146, 52.9232**, and **13.2260, 11.9498, 9.3940** is the 20% darker color. If you saturate the color by 10%, you get **28.1661, 25.0380, 18.7949**, and if you desaturate by 10%, it is **34.6358, 34.1904, 32.6257**.

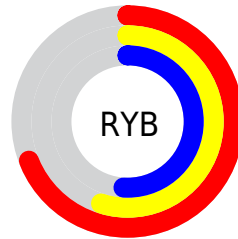
Distribution



Red (69%)

Green (55%)

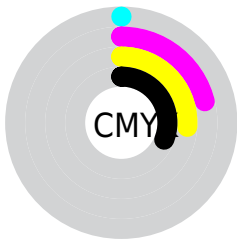
Blue (51%)



Red (69%)

Yellow (55%)

Blue (51%)

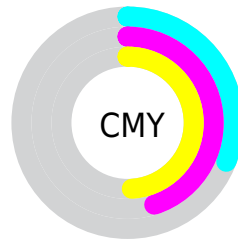


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1664, 29.3070, 25.1333 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 31.1664, 29.3070, 25.1333 by changing the saturation by 10% instead.


 31.1664, 29.3070,
25.1333


 31.1664, 29.3070,
25.1333


299.1174,
298.6607, 291.9700

 20.8780, 19.3132,
15.9565

 60.8760, 58.5645,
52.8402

 13.1468, 11.8968,
9.3393


 81.0280, 78.5970,
72.2073

 7.6074, 6.6734,
4.8633

 105.1985,
102.7444, 95.8083

 3.8945, 3.2587,
2.1100

133.7530,
131.3913, 124.0617

 1.6426, 1.2683,
0.6217

167.0568,
164.9220, 157.3861

 0.4199, 0.1164,
0.0000

205.4752,

 0.0000, 0.0000,

203.7208, 196.1998

0.0000

249.3736,
248.1723, 240.9217

■ 31.1664, 29.3070,
25.1333

■ 31.1664, 29.3070,
25.1333

■ 28.1661, 25.0380,
18.7949

■ 34.6358, 34.1904,
32.6257

■ 25.6122, 21.3549,
13.5511

■ 38.5910, 39.7071,
41.3237

■ 23.4834, 18.2331,
9.3401


■ 43.0509, 45.8801,
51.2781


■ 21.7559, 15.6447,
6.0929


■ 48.0325, 52.7303,
62.5362


■ 20.4034, 13.5591,
3.7324


■ 53.5523, 60.2773,
75.1428

 19.3962, 11.9428,
2.1691


 59.6257, 68.5403,
89.1407

 18.6979, 10.7570,
1.2861

 66.2676, 77.5374,
104.5705

 18.4895, 10.3999,
1.0329

 70.8427, 86.2263,
107.5173

 71.7146, 87.9702,
107.8079

Harmonies

Analogous

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



32.0930, 29.3070, 30.1661



31.1664, 29.3070, 25.1333



29.3641, 29.3070, 22.1991

Triad

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



31.1664, 29.3070, 25.1333



24.2180, 29.3070, 27.8507



28.4805, 29.3070, 44.9325

Complementary

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



31.1664, 29.3070, 25.1333



30.8609, 35.5171, 46.3035

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.



26.3993, 29.3070, 44.1068



31.1664, 29.3070, 25.1333



24.0083, 29.3070, 33.7205

Square

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



31.1664, 29.3070, 25.1333



25.3759, 29.3070, 23.6237



24.7877, 29.3070, 39.8077



30.4914, 29.3070, 41.9384

Rectangle

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



31.1664, 29.3070, 25.1333



27.9459, 29.3070, 21.5814



24.7877, 29.3070, 39.8077



27.7652, 29.3070, 45.0996

Sweetspot

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



31.1672, 29.3084, 25.1339



68.4809, 69.9158, 71.6058



32.9150, 28.0068, 40.5058



14.6042, 14.8223, 14.9957



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.



31.1672, 29.3084, 25.1339



53.4808, 48.8328, 39.1151



34.7548, 36.4836, 26.3298



8.6266, 8.7657, 8.8898



13.5998, 7.6981, 0.7691



0.4675, 0.3214, 0.0374

Inverse Universe

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



30.8609, 35.5171, 46.3035



52.8305, 61.8848, 83.6558



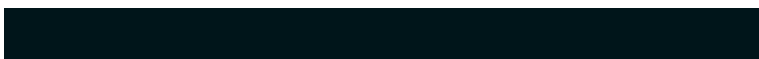
27.1021, 27.9994, 45.0506



8.5985, 9.3433, 10.8566



12.8395, 16.4794, 32.6411



0.4401, 0.5908, 1.0391

Previews

White Background



This preview shows how the XYZ color 31.1664, 29.3070, 25.1333 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 31.1664, 29.3070, 25.1333 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 31.1664, 29.3070, 25.1333

Background



This preview shows how black text looks on a background with the XYZ color 31.1664, 29.3070, 25.1333.



This preview shows how white text looks on a background with the XYZ color 31.1664, 29.3070,

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

31.1664, 29.3070, 25.1333

Protanopia

27.8737, 29.3610, 26.7524

Deuteranopia

29.7839, 29.2558, 24.8460



Tritanopia

32.4307, 29.1799, 31.5268

Trichromacy



Original Color

31.1664, 29.3070, 25.1333

Protanomaly

28.9048, 29.2170, 26.3063

Deuteranomaly

30.2819, 29.2927, 24.8269

Tritanomaly

31.8848, 29.1615, 29.1475

Monochromacy



Original Color

31.1664, 29.3070, 25.1333

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3060, 29.5747, 29.7551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1664, 29.3070, 25.1333 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(176, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 139, 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(176, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 139, 130) }
```

Border

The CSS property to change the border of an element to XYZ 31.1664, 29.3070, 25.1333 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(176, 139, 130) }
```


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

```
.border{ border-color:rgb(176, 139, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 139, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 139, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 139, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 139,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1664, 29.3070, 25.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 139, 130) }
```

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

```
.background{ background-color: rgb(176,  
139, 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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