

Converting Colors

XYZ(37.5184, 31.2021, 26.1958)

Have a look what the booklet for
XYZ(37.5184, 31.2021, 26.1958)
contains.

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Color

**XYZ(37.5230, 31.3059,
26.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8585
RGB	204, 133, 133
RGB Percent	80%, 52%, 52%
CMY	0.2000, 0.4784, 0.4784
CMYK	0.00, 0.35, 0.35, 0.20
HSL	0°, 41%, 66%
HSV	0°, 35%, 80%
XYZ	37.5230, 31.3059, 26.2553
YIQ	154.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

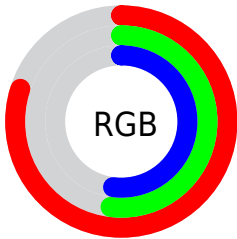
Format	Color
RYB	204, 133, 133
Decimal	13403525
CIELab	62.77, 27.29, 11.32
CIELCh	63, 29.544, 22.524
Yxy	31.3059, 0.3946, 0.3292
Android (android.graphics.Color)	4291593605 (0xFFCC8585)
YUV	154.2290, -10.4659, 43.6492
Hunter-Lab	55.9517, 21.7924, 11.3444

Details

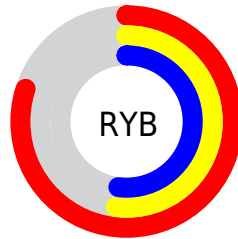
The XYZ color **37.5230, 31.3059, 26.2553** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1639, 52.5299, 65.0437**, and the grayscale version is **30.8480, 32.4545, 35.3430**.

A 20% lighter version of the original color is **67.8733, 60.3458, 54.5250**, and **16.8303, 12.9706, 10.0040** is the 20% darker color. If you saturate the color by 10%, you get **33.7214, 25.7434, 18.6969**, and if you desaturate by 10%, it is **42.1423, 38.0656, 35.4372**.

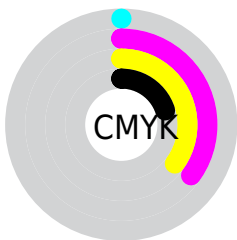
Distribution



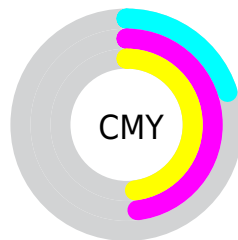
- Red (80%)
- Green (52%)
- Blue (52%)



- Red (80%)
- Yellow (52%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5230, 31.3059, 26.2553 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 37.5230, 31.3059, 26.2553 by changing the saturation by 10% instead.


 37.5230, 31.3059,
26.2553


 37.5230, 31.3059,
26.2553

326.8857,
307.9451, 297.6783


 25.7882, 20.8319,
16.7873


 70.6851, 61.7214,
54.6757

 16.7971, 13.0012,
9.9226


 92.8430, 82.4316,
74.4650

 10.1844, 7.4294,
5.2427


 119.2061,
107.3227, 98.5320

 5.5846, 3.7320,
2.3291

150.1397,
136.7791, 127.2949

 2.6324, 1.5248,
0.7475

186.0091,
171.1851, 161.1725

 0.9625, 0.3061,
0.0000

227.1796,

 0.0000, 0.0000,

210.9252, 200.5833

0.0000

274.0167,
256.3838, 245.9457

■ 37.5230, 31.3059,
26.2553

■ 37.5230, 31.3059,
26.2553

■ 33.7214, 25.7434,
18.6969

■ 42.1423, 38.0656,
35.4372

■ 30.6876, 21.3040,
12.6660

■ 47.6204, 46.0816,
46.3276

■ 28.3701, 17.9128,
8.0592

■ 53.9988, 55.4149,
59.0075

■ 26.7101, 15.4836,
4.7594

■ 61.3152, 66.1208,
73.5525

■ 25.6395, 13.9169,
2.6313

■ 69.6055, 78.2518,
90.0336

■ 25.0752, 13.0912,
1.5099

■ 78.7118, 91.5774,
108.1354

■ 24.9020, 12.8376,
1.1654

Harmonies

Analogous

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



38.1409, 31.3059, 37.0643



37.5230, 31.3059, 26.2553



34.7363, 31.3059, 19.3043

Triad

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



37.5230, 31.3059, 26.2553



24.0066, 31.3059, 22.2636



28.7560, 31.3059, 61.2445

Complementary

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



37.5230, 31.3059, 26.2553



42.1639, 52.5299, 65.0437

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.



25.2748, 31.3059, 54.9656



37.5230, 31.3059, 26.2553



22.6988, 31.3059, 31.2732

Square

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



37.5230, 31.3059, 26.2553



26.8778, 31.3059, 17.3899



23.1412, 31.3059, 43.3387



32.8312, 31.3059, 59.0430

Rectangle

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



37.5230, 31.3059, 26.2553



32.1496, 31.3059, 16.9656



23.1412, 31.3059, 43.3387



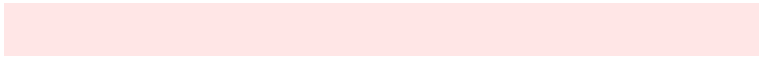
27.4829, 31.3059, 60.0147

Sweetspot

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



37.5238, 31.3074, 26.2559



83.6111, 83.2617, 86.1596



44.1886, 33.9724, 61.3550



17.5792, 17.3576, 17.8115



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.



37.5238, 31.3074, 26.2559



57.1526, 44.5455, 33.5614



43.2308, 42.7213, 28.1582



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7335



0.8086, 0.4169, 0.0378

Inverse Universe

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



42.1639, 52.5299, 65.0437



66.0025, 85.0223, 107.5400



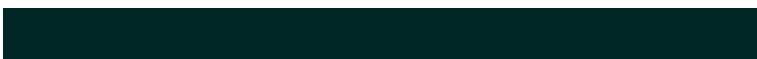
34.6673, 37.5367, 62.5449



11.5433, 12.7270, 14.4185



20.4490, 29.9219, 40.6540



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 37.5230, 31.3059, 26.2553 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 37.5230, 31.3059, 26.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

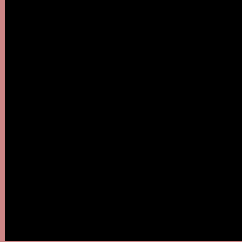
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5230, 31.3059, 26.2553

Background



This preview shows how black text looks on a background with the XYZ color 37.5230, 31.3059, 26.2553.



This preview shows how white text looks on a background with the XYZ color 37.5230, 31.3059,

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

37.5230, 31.3059, 26.2553

Protanopia

30.0908, 31.6077, 30.5015

Deuteranopia

32.2096, 31.6201, 25.8784



Tritanopia

38.3106, 31.4347, 29.6395

Trichromacy



Original Color

37.5230, 31.3059, 26.2553

Protanomaly

32.2412, 31.1135, 28.7323

Deuteranomaly

34.0876, 31.4510, 26.1038

Tritanomaly

38.0883, 31.3457, 28.4690

Monochromacy



Original Color

37.5230, 31.3059, 26.2553

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.4804, 31.4037, 31.5438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5230, 31.3059, 26.2553 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(204, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(204, 133, 133)  
}
```

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(204, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 37.5230, 31.3059, 26.2553 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(204, 133, 133) }
```


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

```
.border{ border-color:rgb(204, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(204, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5230, 31.3059, 26.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 133, 133) }
```

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

```
.background{ background-color: rgb(204,  
133, 133) }
```

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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