

Converting Colors

XYZ(27.5937, 26.2261, 24.0299)

Have a look what the booklet for
XYZ(27.5937, 26.2261, 24.0299)
contains.

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Color

**XYZ(27.5937, 26.2261,
24.0299)**

Conversions

Conversions Part 1

Format	Color
Hex	A48580
RGB	164, 133, 128
RGB Percent	64%, 52%, 50%
CMY	0.3569, 0.4784, 0.4980
CMYK	0.00, 0.19, 0.22, 0.36
HSL	8°, 17%, 57%
HSV	8°, 22%, 64%
XYZ	27.5937, 26.2261, 24.0299
YIQ	141.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

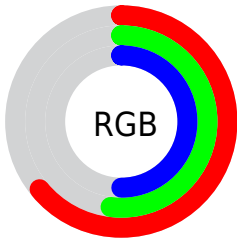
Format	Color
R_YB	164, 134, 128
Decimal	10782080
CIE _{Lab}	58.25, 11.03, 7.16
CIE _{LCh}	58, 13.146, 32.979
Yxy	26.2261, 0.3544, 0.3369
Android (android.graphics.Color)	4288972160 (0xFFA48580)
YUV	141.6990, -6.7536, 19.5580
Hunter-Lab	51.2114, 6.5592, 8.0274

Details

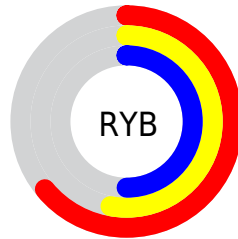
The XYZ color **27.5937, 26.2261, 24.0299** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.0009, 32.0651, 39.8356**, and the grayscale version is **25.6131, 26.9470, 29.3453**.

A 20% lighter version of the original color is **55.1128, 53.5141, 51.1406**, and **11.1866, 10.1958, 8.7755** is the 20% darker color. If you saturate the color by 10%, you get **24.7954, 22.2194, 18.1949**, and if you desaturate by 10%, it is **30.8279, 30.8248, 30.8716**.

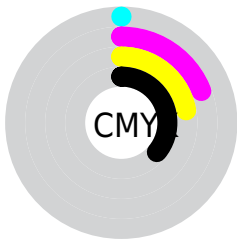
Distribution



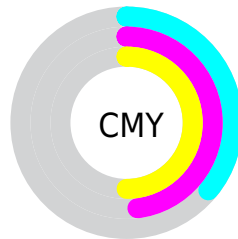
- Red (64%)
- Green (52%)
- Blue (50%)



- Red (64%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5937, 26.2261, 24.0299 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 27.5937, 26.2261, 24.0299 by changing the saturation by 10% instead.

■ 27.5937, 26.2261,
24.0299

■ 27.5937, 26.2261,
24.0299

282.6358,
283.8902, 286.2630

■ 18.1585, 16.9929,
15.1434

■ 55.2483, 53.6395,
51.0234

■ 11.1642, 10.2294,
8.7723

■ 74.1984, 72.5884,
69.9675

■ 6.2455, 5.5513,
4.4982

■ 97.0509, 95.5447,
93.1013

■ 3.0370, 2.5742,
1.9024

124.1710,
122.8927, 120.8431

■ 1.1734, 0.9137,
0.4943

155.9242,
155.0169, 153.6117

■ 0.0852, 0.0000,
0.0000

192.6758,

■ 0.0000, 0.0000,

192.3016, 191.8255

0.0000

234.7912,
235.1313, 235.9031

■ 27.5937, 26.2261,
24.0299

■ 27.5937, 26.2261,
24.0299

■ 24.7954, 22.2194,
18.1949

■ 30.8279, 30.8248,
30.8716

■ 22.4121, 18.7773,
13.3176

■ 34.5133, 36.0345,
38.7627

■ 20.4245, 15.8752,
9.3469


■ 38.6673, 41.8778,
47.7455


■ 18.8110, 13.4857,
6.2269


■ 43.3055, 48.3751,
57.8594


■ 17.5476, 11.5787,
3.8949

■ 48.4429, 55.5456,
69.1418


 16.6076, 10.1211,
2.2800

 54.0939, 63.4082,
81.6286

 15.9605, 9.0753,
1.2981

 60.2721, 71.9806,
95.3539

 15.6122, 8.4971,
0.8173

 66.3070, 81.0066,
106.7488

 69.1200, 86.6326,
107.6865

Harmonies

Analogous

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



28.1222, 26.2261, 28.1010



27.5937, 26.2261, 24.0299



26.3489, 26.2261, 21.4140

Triad

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



27.5937, 26.2261, 24.0299



22.2896, 26.2261, 24.7426



25.0871, 26.2261, 38.2728

Complementary

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



27.5937, 26.2261, 24.0299



28.0009, 32.0651, 39.8356

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.



23.5575, 26.2261, 37.1314



27.5937, 26.2261, 24.0299



21.9837, 26.2261, 29.0154

Square

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



27.5937, 26.2261, 24.0299



23.2922, 26.2261, 21.7935



22.4381, 26.2261, 33.6170



26.6368, 26.2261, 36.5894

Rectangle

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



27.5937, 26.2261, 24.0299



25.3045, 26.2261, 20.6842



22.4381, 26.2261, 33.6170



24.5535, 26.2261, 38.2071

Sweetspot

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



27.5944, 26.2273, 24.0304



59.0770, 60.3679, 62.6968



29.3047, 25.8414, 36.3356



12.8359, 13.0852, 13.5366



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.5944, 26.2273, 24.0304



47.6867, 44.1750, 38.5908



30.2409, 31.5203, 24.9126



7.1495, 7.2374, 7.4002



11.9925, 6.5590, 0.6339



0.2736, 0.1810, 0.0205

Inverse Universe

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



28.0009, 32.0651, 39.8356



48.5461, 56.5505, 72.1090



25.1577, 26.3787, 38.8879



7.1918, 7.8426, 9.0378



12.4905, 16.7604, 29.5065



0.2840, 0.3954, 0.6272

Previews

White Background



This preview shows how the XYZ color 27.5937, 26.2261, 24.0299 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 27.5937, 26.2261, 24.0299 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 27.5937, 26.2261, 24.0299

Background



This preview shows how black text looks on a background with the XYZ color 27.5937, 26.2261, 24.0299.



This preview shows how white text looks on a background with the XYZ color 27.5937, 26.2261,

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

27.5937, 26.2261, 24.0299

Protanopia

25.2200, 26.4419, 25.6043

Deuteranopia

26.6608, 26.1556, 24.0654



Tritanopia

28.6499, 26.2627, 28.7585

Trichromacy



Original Color

27.5937, 26.2261, 24.0299

Protanomaly

25.9913, 26.2054, 25.1610

Deuteranomaly

26.9186, 26.0823, 24.0377

Tritanomaly

28.2122, 26.2794, 26.8780

Monochromacy



Original Color

27.5937, 26.2261, 24.0299

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3257, 26.7554, 27.4437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5937, 26.2261, 24.0299 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(164, 133, 128)` looks like.

```
.text, #text, p{  
    color:rgb(164, 133, 128)  
}
```

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(164, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 133, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.5937, 26.2261, 24.0299 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(164, 133, 128) }
```


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

```
.border{ border-color:rgb(164, 133, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 133, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(164, 133,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5937, 26.2261, 24.0299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 133, 128) }
```

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

```
.background{ background-color: rgb(164,  
133, 128) }
```

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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