

Converting Colors

XYZ(25.3491, 26.6331, 20.3346)

Have a look what the booklet for
XYZ(25.3491, 26.6331, 20.3346)
contains.

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Color

**XYZ(25.2930, 26.5964,
20.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	978C74
RGB	151, 140, 116
RGB Percent	59%, 55%, 45%
CMY	0.4078, 0.4510, 0.5451
CMYK	0.00, 0.07, 0.23, 0.41
HSL	41°, 14%, 52%
HSV	41°, 23%, 59%
XYZ	25.2930, 26.5964, 20.3235
YIQ	140.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

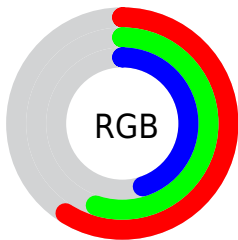
Format	Color
R_{YB}	132, 151, 116
Decimal	9931892
CIE Lab	58.60, 0.06, 14.32
CIE LCh	59, 14.320, 89.764
Yxy	26.5964, 0.3503, 0.3683
Android (android.graphics.Color)	4288121972 (0xFF978C74)
YUV	140.5530, -12.1046, 9.1620
Hunter-Lab	51.5717, -2.7063, 12.7350

Details

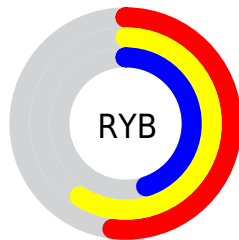
The XYZ color **25.2930, 26.5964, 20.3235** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3777, 21.1257, 32.2821**, and the grayscale version is **25.1850, 26.4966, 28.8548**.

A 20% lighter version of the original color is **51.5914, 54.0889, 44.7668**, and **9.9551, 10.4390, 6.9591** is the 20% darker color. If you saturate the color by 10%, you get **23.8069, 24.9174, 15.8413**, and if you desaturate by 10%, it is **26.9532, 28.3947, 25.5688**.

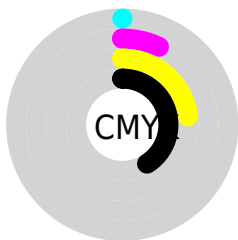
Distribution



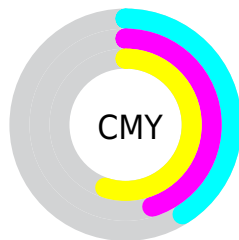
- Red (59%)
- Green (55%)
- Blue (45%)



- Red (52%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2930, 26.5964, 20.3235 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 25.2930, 26.5964, 20.3235 by changing the saturation by 10% instead.

■ 25.2930, 26.5964,
20.3235

■ 25.2930, 26.5964,
20.3235

271.6148,
285.6976, 266.3230

■ 16.4254, 17.2703,
12.4440

■ 51.5716, 54.2355,
44.8250

■ 9.9184, 10.4274,
6.9206

■ 69.7134, 73.3174,
62.2840

■ 5.4067, 5.6833,
3.3348

■ 91.6772, 96.4200,
83.7734

■ 2.5250, 2.6535,
1.2680

117.8284,
123.9277, 109.7115

■ 0.9079, 0.9536,
0.0354

148.5324,
156.2249, 140.5170

■ 0.0000, 0.0000,
0.0000

184.1546,

193.6961, 176.6084

225.0602,
236.7255, 218.4042

■ 25.2930, 26.5964,
20.3235

■ 25.2930, 26.5964,
20.3235

■ 23.8069, 24.9174,
15.8413

■ 26.9532, 28.3947,
25.5688

■ 22.4856, 23.3506,
12.0841

■ 28.7922, 30.3121,
31.6096

■ 21.3219, 21.8935,
9.0131

■ 30.8171, 32.3528,
38.4782

■ 20.3072, 20.5420,
6.5851

■ 33.0339, 34.5199,
46.2048

■ 19.4321, 19.2917,
4.7519

■ 35.4484, 36.8161,
54.8179

■ 18.6856, 18.1376,
3.4586

■ 38.0661, 39.2443,
64.3450

■ 18.0551, 17.0740,
2.6398

■ 40.8924, 41.8071,
74.8120

■ 17.6683, 16.3908,
2.2325

■ 43.9321, 44.5070,
86.2442

■ 47.1903, 47.3465,
98.6654

Harmonies

Analogous

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



27.0182, 26.5964, 21.3804



25.2930, 26.5964, 20.3235



23.6393, 26.5964, 21.3479

Triad

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



25.2930, 26.5964, 20.3235



22.4592, 26.5964, 34.0309



28.3107, 26.5964, 34.1078

Complementary

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



25.2930, 26.5964, 20.3235



20.3777, 21.1257, 32.2821

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.



26.9930, 26.5964, 38.1930



25.2930, 26.5964, 20.3235



23.6162, 26.5964, 38.1451

Square

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



25.2930, 26.5964, 20.3235



22.0499, 26.5964, 28.9191



25.2652, 26.5964, 39.7481



28.8090, 26.5964, 28.9988

Rectangle

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



25.2930, 26.5964, 20.3235



22.7875, 26.5964, 23.1497



25.2652, 26.5964, 39.7481



27.9459, 26.5964, 35.6668

Sweetspot

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



25.2937, 26.5976, 20.3241



50.2189, 52.8983, 52.1483



22.8444, 20.6049, 22.8806



11.3747, 11.9821, 11.7229



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.2937, 26.5976, 20.3241



43.8268, 45.9875, 31.9112



25.8231, 29.3765, 20.8325



6.5451, 6.8953, 6.5918



15.0570, 13.9963, 1.9080



0.2572, 0.2735, 0.0392

Inverse Universe

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



20.3777, 21.1257, 32.2821



33.3890, 34.3717, 57.3083



19.9168, 18.8936, 31.8756



6.0350, 6.3273, 7.8322



5.6553, 3.7072, 25.3252



0.1145, 0.1154, 0.3886

Previews

White Background



This preview shows how the XYZ color 25.2930, 26.5964, 20.3235 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 25.2930, 26.5964, 20.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

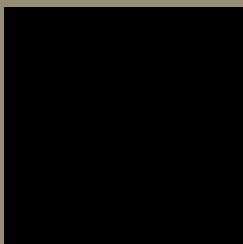
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

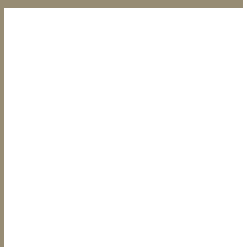
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2930, 26.5964, 20.3235

Background



This preview shows how black text looks on a background with the XYZ color 25.2930, 26.5964, 20.3235.



This preview shows how white text looks on a background with the XYZ color 25.2930, 26.5964,

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

25.2930, 26.5964, 20.3235

Protanopia

25.0717, 26.7003, 20.3552

Deuteranopia

27.1193, 26.6792, 20.5499



Tritanopia

27.5100, 26.6522, 30.8886

Trichromacy



Original Color

25.2930, 26.5964, 20.3235

Protanomaly

25.2549, 26.7947, 20.3638

Deuteranomaly

26.4546, 26.5466, 20.5593

Tritanomaly

26.6453, 26.5106, 26.6344

Monochromacy



Original Color

25.2930, 26.5964, 20.3235

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3668, 26.7354, 25.6533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2930, 26.5964, 20.3235 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(151, 140, 116)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 116)  
}
```

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(151, 140, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.2930, 26.5964, 20.3235 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(151, 140, 116) }
```


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

```
.border{ border-color:rgb(151, 140, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 140, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 116);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2930, 26.5964, 20.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 116) }
```

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

```
.background{ background-color: rgb(151,  
140, 116) }
```

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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