

Converting Colors

XYZ(25.3417, 26.5351, 25.3516)

Have a look what the booklet for
XYZ(25.3417, 26.5351, 25.3516)
contains.

XYZ(25.3289, 26.5059, 25.2539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3289, 26.5059,
25.2539)**

Conversions

Conversions Part 1

Format	Color
Hex	928C83
RGB	146, 140, 131
RGB Percent	57%, 55%, 51%
CMY	0.4274, 0.4510, 0.4863
CMYK	0.00, 0.04, 0.10, 0.43
HSL	36°, 6%, 54%
HSV	36°, 10%, 57%
XYZ	25.3289, 26.5059, 25.2539
YIQ	140.7680, 6.4650, -1.5270

Conversions

Conversions Part 2

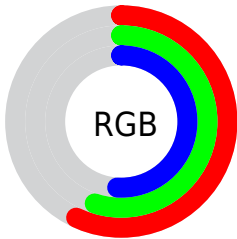
Format	Color
R_{YB}	141, 146, 131
Decimal	9604227
CIE Lab	58.51, 0.58, 5.59
CIE LCh	59, 5.621, 84.116
Yxy	26.5059, 0.3286, 0.3438
Android (android.graphics.Color)	4287794307 (0xFF928C83)
YUV	140.7680, -4.8156, 4.5885
Hunter-Lab	51.4839, -2.2788, 6.9558

Details

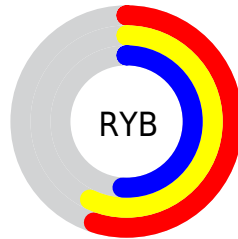
The XYZ color **25.3289, 26.5059, 25.2539** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4940, 24.7914, 30.7414**, and the grayscale version is **25.2437, 26.5583, 28.9220**.

A 20% lighter version of the original color is **51.7629, 54.3236, 53.1047**, and **9.8985, 10.3544, 9.4595** is the 20% darker color. If you saturate the color by 10%, you get **23.5781, 24.4777, 20.1275**, and if you desaturate by 10%, it is **27.2659, 28.6827, 31.1310**.

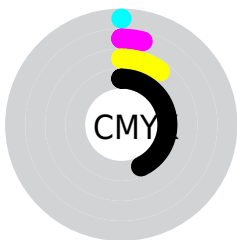
Distribution



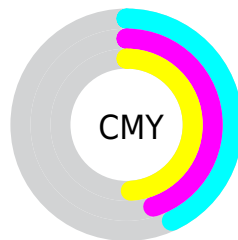
- Red (57%)
- Green (55%)
- Blue (51%)



- Red (55%)
- Yellow (57%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3289, 26.5059, 25.2539 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 25.3289, 26.5059, 25.2539 by changing the saturation by 10% instead.

■ 25.3289, 26.5059,
25.2539

■ 25.3289, 26.5059,
25.2539

271.7895,
285.2567, 292.5881

■ 16.4523, 17.2025,
16.0456

■ 51.6294, 54.0900,
53.0380

■ 9.9376, 10.3790,
9.4017

■ 69.7839, 73.1394,
72.4509

■ 5.4196, 5.6509,
4.9037

■ 91.7619, 96.2063,
96.1025

■ 2.5328, 2.6340,
2.1331

117.9285,
123.6751, 124.4111

■ 0.9118, 0.9438,
0.6354

148.6492,
155.9301, 157.7955

■ 0.0000, 0.0000,
0.0000

184.2894,

193.3558, 196.6741

225.2144,
236.3366, 241.4654

■ 25.3289, 26.5059,
25.2539

■ 25.3289, 26.5059,
25.2539

■ 23.5781, 24.4777,
20.1275

■ 27.2659, 28.6827,
31.1310

■ 22.0048, 22.5909,
15.7194

■ 29.3930, 31.0083,
37.7861

■ 20.6029, 20.8428,
11.9971

■ 31.7168, 33.4870,
45.2472

■ 19.3648, 19.2292,
8.9251

■ 34.2429, 36.1223,
53.5403

■ 18.2826, 17.7458,
6.4648

■ 36.9766, 38.9172,
62.6905

■ 17.3473, 16.3878,
4.5731

■ 39.9231, 41.8748,
72.7215

■ 16.5490, 15.1498,
3.2015

■ 43.0871, 44.9980,
83.6564

■ 15.8762, 14.0260,
2.2932

■ 46.4736, 48.2898,
95.5171

■ 15.3136, 13.0299,
1.7079

■ 48.8721, 51.2669,
101.9274

Harmonies

Analogous

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



25.9763, 26.5059, 25.8988



25.3289, 26.5059, 25.2539



24.6565, 26.5059, 25.5392

Triad

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



25.3289, 26.5059, 25.2539



24.0050, 26.5059, 30.4360



26.2800, 26.5059, 31.1382

Complementary

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



25.3289, 26.5059, 25.2539



23.4940, 24.7914, 30.7414

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.



25.7374, 26.5059, 32.4578



25.3289, 26.5059, 25.2539



24.4257, 26.5059, 32.0396

Square

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



25.3289, 26.5059, 25.2539



23.9001, 26.5059, 28.4738



25.0577, 26.5059, 32.7949



26.5318, 26.5059, 29.2505

Rectangle

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



25.3289, 26.5059, 25.2539



24.2835, 26.5059, 26.2254



25.0577, 26.5059, 32.7949



26.1251, 26.5059, 31.6663

Sweetspot

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



25.3296, 26.5071, 25.2545



47.1143, 49.5031, 51.8929



24.4860, 24.1501, 27.0381



10.4226, 10.9471, 11.3656



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.3296, 26.5071, 25.2545



44.0501, 46.0359, 42.6675



25.9650, 28.1712, 25.5422



6.0728, 6.3594, 6.1479



13.4980, 11.5104, 1.5103



0.1941, 0.1987, 0.0281

Inverse Universe

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



23.4940, 24.7914, 30.7414



40.2416, 42.4766, 54.0514



22.8991, 23.2543, 30.4760



5.6784, 5.9908, 7.3268



5.9344, 4.5637, 24.4991



0.1001, 0.1109, 0.3090

Previews

White Background



This preview shows how the XYZ color 25.3289, 26.5059, 25.2539 looks on a white background.

Color Contrast Check

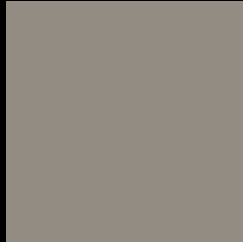
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3289, 26.5059, 25.2539 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

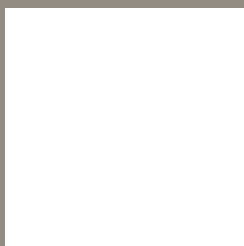
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3289, 26.5059, 25.2539

Background



This preview shows how black text looks on a background with the XYZ color 25.3289, 26.5059, 25.2539.



This preview shows how white text looks on a background with the XYZ color 25.3289, 26.5059,

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

25.3289, 26.5059, 25.2539

Protanopia

25.1519, 26.4146, 25.2456

Deuteranopia

27.0696, 26.5434, 25.5265



Tritanopia

26.5037, 26.3253, 31.7014

Trichromacy



Original Color

25.3289, 26.5059, 25.2539

Protanomaly

25.1519, 26.4146, 25.2456

Deuteranomaly

26.4369, 26.4273, 25.5374

Tritanomaly

26.0036, 26.3330, 29.3034

Monochromacy



Original Color

25.3289, 26.5059, 25.2539

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3679, 26.6955, 27.4826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3289, 26.5059, 25.2539 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(146, 140, 131)` looks like.

```
.text, #text, p{  
    color:rgb(146, 140, 131)  
}
```

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(146, 140, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 140, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.3289, 26.5059, 25.2539 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(146, 140, 131) }
```


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

```
.border{ border-color:rgb(146, 140, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 140, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 140, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 140, 131);  
box-shadow:4px 4px 4px 4px rgb(146, 140,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3289, 26.5059, 25.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 140, 131) }
```

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

```
.background{ background-color: rgb(146,  
140, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor