

Converting Colors

XYZ(25.5663, 29.6000, 26.5961)

Have a look what the booklet for
XYZ(25.5663, 29.6000, 26.5961)
contains.

XYZ(25.6165, 29.6268, 26.5587)	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(25.6165, 29.6268,
26.5587)**

Conversions

Conversions Part 1

Format	Color
Hex	879985
RGB	135, 153, 133
RGB Percent	53%, 60%, 52%
CMY	0.4706, 0.4000, 0.4784
CMYK	0.12, 0.00, 0.13, 0.40
HSL	114°, 9%, 56%
HSV	114°, 13%, 60%
XYZ	25.6165, 29.6268, 26.5587
YIQ	145.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

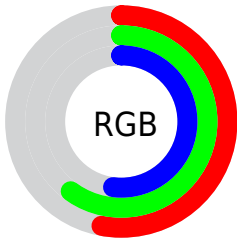
Format	Color
RYB	133, 153, 151
Decimal	8886661
CIELab	61.33, -10.35, 8.37
CIElCh	61, 13.310, 141.052
Yxy	29.6268, 0.3132, 0.3622
Android (android.graphics.Color)	4287076741 (0xFF879985)
YUV	145.3380, -6.0826, -9.0664
Hunter-Lab	54.4305, -11.2464, 9.1715

Details

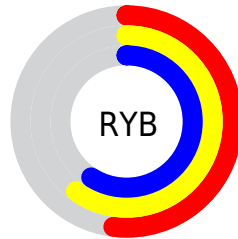
The XYZ color **25.6165, 29.6268, 26.5587** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9010, 25.6551, 33.6726**, and the grayscale version is **27.0770, 28.4871, 31.0225**.

A 20% lighter version of the original color is **51.9148, 58.8622, 55.0797**, and **10.0590, 12.0586, 9.9810** is the 20% darker color. If you saturate the color by 10%, you get **22.5615, 28.1661, 21.2940**, and if you desaturate by 10%, it is **29.1138, 31.2994, 32.6492**.

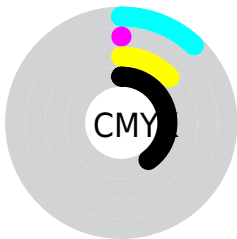
Distribution



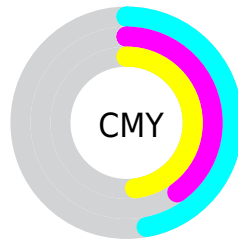
- Red (53%)
- Green (60%)
- Blue (52%)



- Red (52%)
- Yellow (60%)
- Blue (59%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6165, 29.6268, 26.5587 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 25.6165, 29.6268, 26.5587 by changing the saturation by 10% instead.

■ 25.6165, 29.6268,
26.5587

■ 25.6165, 29.6268,
26.5587

273.1857,
300.1610, 299.2063

■ 16.6681, 19.5555,
17.0126

■ 52.0913, 59.0715,
55.1700

■ 10.0920, 12.0723,
10.0814

■ 70.3485, 79.2136,
75.0723

■ 5.5227, 6.7930,
5.3467

■ 92.4394, 103.4815,
99.2636

■ 2.5950, 3.3330,
2.3898

118.7292,
132.2596, 128.1627

■ 0.9434, 1.3079,
0.7809

149.5834,
165.9322, 162.1879

■ 0.0000, 0.1473,
0.0000

185.3673,

■ 0.0000, 0.0000,

204.8837, 201.7579

0.0000

226.4463,
249.4985, 247.2912

■ 25.6165, 29.6268,
26.5587

■ 25.6165, 29.6268,
26.5587

■ 22.5615, 28.1661,
21.2940

■ 29.1138, 31.2994,
32.6492

■ 19.9287, 26.9052,
16.8176

■ 33.0675, 33.1879,
39.5968

■ 17.7003, 25.8366,
13.0923

■ 37.4941, 35.3010,
47.4337

■ 15.8562, 24.9508,
10.0770

■ 42.4085, 37.6458,
56.1895

■ 14.3745, 24.2374,
7.7264

■ 47.8251, 40.2290,
65.8929

■ 13.2311, 23.6852,
5.9904

■ 53.7574, 43.0570,
76.5711

■ 12.3989, 23.2814,
4.8116

■ 60.2188, 46.1362,
88.2502

■ 11.8467, 23.0114,
4.1218

■ 67.1568, 49.4464,
100.6123

■ 11.5936, 22.8877,
3.8067

■ 70.6818, 51.2636,
100.7773

Harmonies

Analogous

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



26.9649, 29.6268, 24.0563



25.6165, 29.6268, 26.5587



24.9568, 29.6268, 30.7792

Triad

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



25.6165, 29.6268, 26.5587



27.6380, 29.6268, 42.7740



31.4263, 29.6268, 28.9111

Complementary

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



25.6165, 29.6268, 26.5587



26.9010, 25.6551, 33.6726

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.



31.6248, 29.6268, 33.7846



25.6165, 29.6268, 26.5587



29.3886, 29.6268, 42.1408

Square

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



25.6165, 29.6268, 26.5587



26.0917, 29.6268, 40.3705



30.8652, 29.6268, 38.7206



30.3336, 29.6268, 25.3132

Rectangle

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



25.6165, 29.6268, 26.5587



24.9767, 29.6268, 34.1463



30.8652, 29.6268, 38.7206



31.6016, 29.6268, 30.4417

Sweetspot

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



25.6173, 29.6281, 26.5593



51.4705, 55.7324, 57.3026



28.4384, 30.6004, 26.5983



11.2631, 12.2575, 12.4747



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.



25.6173, 29.6281, 26.5593



44.0157, 52.1684, 44.3457



25.8728, 29.6934, 29.5679



6.1866, 6.9537, 6.6220



9.5961, 18.9228, 3.1467



0.1567, 0.2897, 0.0477

Inverse Universe

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



26.9010, 25.6551, 33.6726



46.8217, 43.4823, 59.8971



26.6363, 25.5925, 30.3251



6.4004, 6.2923, 7.8062



13.3904, 6.3540, 25.4284



0.2154, 0.1029, 0.3809

Previews

White Background



This preview shows how the XYZ color 25.6165, 29.6268, 26.5587 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 25.6165, 29.6268, 26.5587 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 25.6165, 29.6268, 26.5587

Background



This preview shows how black text looks on a background with the XYZ color 25.6165, 29.6268, 26.5587.



This preview shows how white text looks on a background with the XYZ color 25.6165, 29.6268,

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

25.6165, 29.6268, 26.5587

Protanopia

27.9806, 29.4477, 25.3283

Deuteranopia

30.1320, 29.6097, 27.0488



Tritanopia

27.9957, 29.6436, 37.9645

Trichromacy



Original Color

25.6165, 29.6268, 26.5587

Protanomaly

27.0569, 29.4295, 25.7271

Deuteranomaly

28.2544, 29.5572, 26.7702

Tritanomaly

26.9735, 29.4503, 33.5410

Monochromacy



Original Color

25.6165, 29.6268, 26.5587

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3821, 28.7656, 29.3611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6165, 29.6268, 26.5587 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(135, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 153, 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(135, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 153, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.6165, 29.6268, 26.5587 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(135, 153, 133) }
```


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

```
.border{ border-color:rgb(135, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(135, 153,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6165, 29.6268, 26.5587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 153, 133) }
```

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

```
.background{ background-color: rgb(135,  
153, 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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