

Converting Colors

XYZ(25.5258, 29.3225, 26.5845)

Have a look what the booklet for
XYZ(25.5258, 29.3225, 26.5845)
contains.

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Color

**XYZ(25.4535, 29.3008,
26.5044)**

Conversions

Conversions Part 1

Format	Color
Hex	879885
RGB	135, 152, 133
RGB Percent	53%, 60%, 52%
CMY	0.4706, 0.4039, 0.4784
CMYK	0.11, 0.00, 0.13, 0.40
HSL	114°, 8%, 56%
HSV	114°, 13%, 60%
XYZ	25.4535, 29.3008, 26.5044
YIQ	144.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

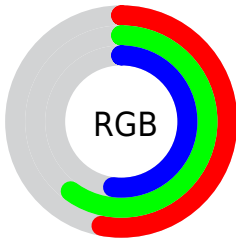
Format	Color
R_{YB}	133, 152, 150
Decimal	8886405
CIE _{Lab}	61.05, -9.81, 7.96
CIE _{LCh}	61, 12.635, 140.942
Yxy	29.3008, 0.3132, 0.3606
Android (android.graphics.Color)	4287076485 (0xFF879885)
YUV	144.7510, -5.7932, -8.5516
Hunter-Lab	54.1302, -10.7923, 8.8603

Details

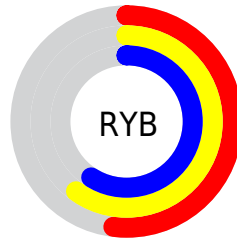
The XYZ color **25.4535, 29.3008, 26.5044** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6340, 25.5270, 33.2307**, and the grayscale version is **26.8371, 28.2348, 30.7477**.

A 20% lighter version of the original color is **51.6733, 58.3791, 54.9992**, and **9.9613, 11.8632, 9.9484** is the 20% darker color. If you saturate the color by 10%, you get **22.4283, 27.8548, 21.2720**, and if you desaturate by 10%, it is **28.9119, 30.9543, 32.5517**.

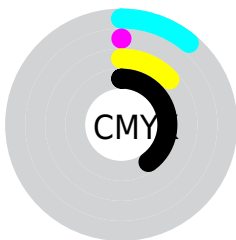
Distribution



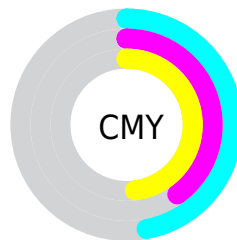
- Red (53%)
- Green (60%)
- Blue (52%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4535, 29.3008, 26.5044 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 25.4535, 29.3008, 26.5044 by changing the saturation by 10% instead.

■ 25.4535, 29.3008,
26.5044

■ 25.4535, 29.3008,
26.5044

272.3951,
298.6316, 298.9333

■ 16.5458, 19.3085,
16.9722

■ 51.8296, 58.5547,
55.0816

■ 10.0045, 11.8934,
10.0529

■ 70.0287, 78.5850,
74.9637

■ 5.4642, 6.6711,
5.3280

■ 92.0556, 102.7301,
99.1328

■ 2.5596, 3.2573,
2.3789

118.2757,
131.3745, 128.0076

■ 0.9254, 1.2675,
0.7749

149.0543,
164.9024, 162.0065

■ 0.0000, 0.1158,
0.0000

184.7569,

■ 0.0000, 0.0000,

203.6983, 201.5480

0.0000

225.7487,
248.1465, 247.0508

■ 25.4535, 29.3008,
26.5044

■ 25.4535, 29.3008,
26.5044

■ 22.4283, 27.8548,
21.2720

■ 28.9119, 30.9543,
32.5517

■ 19.8168, 26.6044,
16.8178

■ 32.8173, 32.8190,
39.4445

■ 17.6019, 25.5424,
13.1053

■ 37.1855, 34.9035,
47.2144

■ 15.7639, 24.6597,
10.0941

■ 42.0311, 37.2145,
55.8907

■ 14.2817, 23.9461,
7.7402

■ 47.3680, 39.7586,
65.5012

■ 13.1321, 23.3910,
5.9945

■ 53.2096, 42.5421,
76.0727

■ 12.2891, 22.9819,
4.8010

■ 59.5685, 45.5710,
87.6309

■ 11.7225, 22.7049,
4.0935

■ 66.4572, 48.8511,
100.2005

■ 11.4424, 22.5677,
3.7529

■ 70.5188, 50.9376,
100.7229

Harmonies

Analogous

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



26.7288, 29.3008, 24.1344



25.4535, 29.3008, 26.5044



24.8270, 29.3008, 30.4918

Triad

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



25.4535, 29.3008, 26.5044



27.3521, 29.3008, 41.7642



30.9249, 29.3008, 28.7592

Complementary

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



25.4535, 29.3008, 26.5044



26.6340, 25.5270, 33.2307

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.



31.1079, 29.3008, 33.3583



25.4535, 29.3008, 26.5044



29.0012, 29.3008, 41.1832

Square

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



25.4535, 29.3008, 26.5044



25.8943, 29.3008, 39.5073



30.3914, 29.3008, 37.9903



29.9008, 29.3008, 25.3440

Rectangle

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



25.4535, 29.3008, 26.5044



24.8438, 29.3008, 33.6629



30.3914, 29.3008, 37.9903



31.0884, 29.3008, 30.2067

Sweetspot

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



25.4543, 29.3021, 26.5050



50.0160, 54.1503, 55.6737



28.0556, 30.1139, 26.5246



11.2659, 12.2589, 12.4748



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.



25.4543, 29.3021, 26.5050



43.3613, 50.9698, 44.0623



25.6566, 29.3462, 29.2336



6.1895, 6.9552, 6.6221



9.6077, 18.9288, 3.1473



0.1575, 0.2902, 0.0477

Inverse Universe

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



26.6340, 25.5270, 33.2307



45.8601, 42.9719, 58.3110



26.4265, 25.4868, 30.2014



6.3972, 6.2906, 7.8060



13.2818, 6.2981, 25.4233



0.2145, 0.1024, 0.3808

Previews

White Background



This preview shows how the XYZ color 25.4535, 29.3008, 26.5044 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 25.4535, 29.3008, 26.5044 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 25.4535, 29.3008, 26.5044

Background



This preview shows how black text looks on a background with the XYZ color 25.4535, 29.3008, 26.5044.



This preview shows how white text looks on a background with the XYZ color 25.4535, 29.3008,

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

25.4535, 29.3008, 26.5044

Protanopia

27.7894, 29.3492, 25.3194

Deuteranopia

29.7721, 29.2023, 26.9891



Tritanopia

27.5825, 29.2068, 37.4414

Trichromacy



Original Color

25.4535, 29.3008, 26.5044

Protanomaly

26.8768, 29.3366, 25.7187

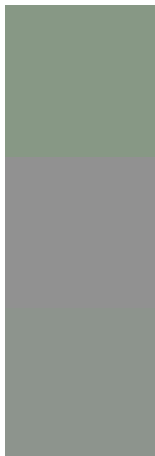
Deuteranomaly

28.0995, 29.2476, 26.7186

Tritanomaly

26.7337, 29.1002, 33.0620

Monochromacy



Original Color

25.4535, 29.3008, 26.5044

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 25.4535, 29.3008, 26.5044 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, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 152, 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, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 152, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.4535, 29.3008, 26.5044 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, 152, 133) }
```


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

```
.border{ border-color:rgb(135, 152, 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, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(135, 152,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4535, 29.3008, 26.5044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 152, 133) }
```

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

```
.background{ background-color: rgb(135,  
152, 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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