

Converting Colors

XYZ(25.6514, 26.0806, 25.7199)

Have a look what the booklet for
XYZ(25.6514, 26.0806, 25.7199)
contains.

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Color

**XYZ(25.5737, 25.9743,
25.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	958985
RGB	149, 137, 133
RGB Percent	58%, 54%, 52%
CMY	0.4157, 0.4627, 0.4784
CMYK	0.00, 0.08, 0.11, 0.42
HSL	15°, 7%, 55%
HSV	15°, 11%, 58%
XYZ	25.5737, 25.9743, 25.8560
YIQ	140.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

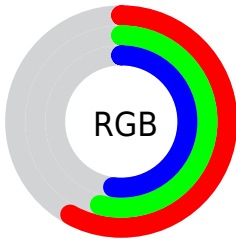
Format	Color
RYB	149, 138, 133
Decimal	9800069
CIELab	58.01, 3.77, 3.76
CIELCh	58, 5.324, 44.897
Yxy	25.9743, 0.3304, 0.3356
Android (android.graphics.Color)	4287990149 (0xFF958985)
YUV	140.1320, -3.5161, 7.7772
Hunter-Lab	50.9650, 0.3807, 5.5960

Details

The XYZ color **25.5737, 25.9743, 25.8560** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2230, 27.4068, 32.3947**, and the grayscale version is **24.9901, 26.2915, 28.6314**.

A 20% lighter version of the original color is **51.9050, 53.0686, 53.9619**, and **10.0454, 10.0532, 9.7985** is the 20% darker color. If you saturate the color by 10%, you get **23.1098, 22.5785, 20.3111**, and if you desaturate by 10%, it is **28.3496, 29.7597, 32.2260**.

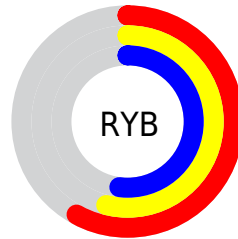
Distribution



Red (58%)

Green (54%)

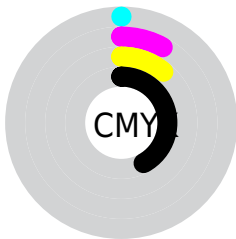
Blue (52%)



Red (58%)

Yellow (54%)

Blue (52%)

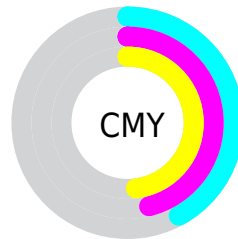


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5737, 25.9743, 25.8560 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 25.5737, 25.9743, 25.8560 by changing the saturation by 10% instead.

■ 25.5737, 25.9743,
25.8560

■ 25.5737, 25.9743,
25.8560

272.9783,
282.6559, 295.6574

■ 16.6360, 16.8044,
16.4911

■ 52.0226, 53.2335,
54.0238

■ 10.0690, 10.0951,
9.7143

■ 70.2646, 72.0916,
73.6638

■ 5.5073, 5.4621,
5.1068

■ 92.3386, 94.9478,
97.5659

■ 2.5857, 2.5209,
2.2502

118.6102,
122.1867, 126.1487

■ 0.9387, 0.8870,
0.7031

149.4446,
154.1926, 159.8307

■ 0.0000, 0.0000,
0.0000

185.2072,

191.3498, 199.0305

226.2633,
234.0427, 244.1665

■ 25.5737, 25.9743,
25.8560

■ 25.5737, 25.9743,
25.8560

■ 23.1098, 22.5785,
20.3111

■ 28.3496, 29.7597,
32.2260

■ 20.9447, 19.5566,
15.5558

■ 31.4458, 33.9433,
39.4514

■ 19.0672, 16.8966,
11.5544

■ 34.8731, 38.5373,
47.5628

■ 17.4648, 14.5846,
8.2679

■ 38.6411, 43.5528,
56.5892

■ 16.1239, 12.6060,
5.6535

■ 42.7589, 49.0002,
66.5577

■ 15.0298, 10.9448,
3.6641

■ 47.2354, 54.8895,
77.4949

■ 14.1661, 9.5838,
2.2463

■ 52.0791, 61.2306,
89.4258

■ 13.5140, 8.5040,
1.3376

■ 57.2982, 68.0328,
102.3747

■ 13.0647, 7.7299,
0.8034

■ 60.8903, 74.5011,
105.7786

Harmonies

Analogous

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



25.9016, 25.9743, 27.3813



25.5737, 25.9743, 25.8560



25.0112, 25.9743, 25.0000

Triad

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



25.5737, 25.9743, 25.8560



23.5136, 25.9743, 27.3693



25.0069, 25.9743, 31.8421

Complementary

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



25.5737, 25.9743, 25.8560



25.2230, 27.4068, 32.3947

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.



24.3672, 25.9743, 31.8385



25.5737, 25.9743, 25.8560



23.5125, 25.9743, 29.2014

Square

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



25.5737, 25.9743, 25.8560



23.8256, 25.9743, 25.8476



23.8226, 25.9743, 30.8543



25.5705, 25.9743, 30.8638

Rectangle

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



25.5737, 25.9743, 25.8560



24.5824, 25.9743, 24.8994



23.8226, 25.9743, 30.8543



24.7935, 25.9743, 31.9570

Sweetspot

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



25.5744, 25.9754, 25.8566



49.5649, 51.6581, 54.9277



25.8931, 25.2093, 30.2895



10.8981, 11.3309, 11.9742



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.5744, 25.9754, 25.8566



44.6335, 44.9171, 43.6599



26.7538, 28.3341, 26.2497



5.9117, 6.0372, 6.0942



11.0166, 6.5475, 0.6832



0.1554, 0.1212, 0.0152

Inverse Universe

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



25.2230, 27.4068, 32.3947



43.8690, 48.0296, 57.8798



24.0437, 25.0482, 32.0016



5.8425, 6.3190, 7.3815



9.4412, 11.5771, 25.6680



0.1389, 0.1884, 0.3219

Previews

White Background



This preview shows how the XYZ color 25.5737, 25.9743, 25.8560 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 25.5737, 25.9743, 25.8560 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 25.5737, 25.9743, 25.8560

Background



This preview shows how black text looks on a background with the XYZ color 25.5737, 25.9743, 25.8560.



This preview shows how white text looks on a background with the XYZ color 25.5737, 25.9743,

25.8560.

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

25.5737, 25.9743, 25.8560

Protanopia

24.8634, 26.0261, 26.2674

Deuteranopia

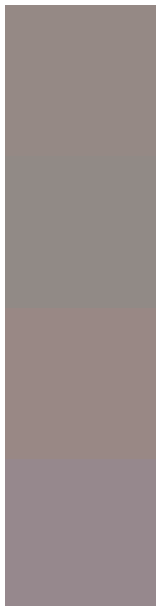
26.4152, 25.9900, 25.8146



Tritanopia

26.6148, 25.9826, 30.8065

Trichromacy



Original Color

25.5737, 25.9743, 25.8560

Protanomaly

25.0686, 25.9179, 26.2357

Deuteranomaly

26.1747, 26.0741, 25.8435

Tritanomaly

26.1896, 26.0154, 28.8404

Monochromacy



Original Color

25.5737, 25.9743, 25.8560

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0757, 26.1110, 27.3852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5737, 25.9743, 25.8560 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(149, 137, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 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(149, 137, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.5737, 25.9743, 25.8560 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(149, 137, 133) }
```


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

```
.border{ border-color:rgb(149, 137, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 137, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5737, 25.9743, 25.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 133) }
```

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

```
.background{ background-color: rgb(149,  
137, 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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