

Converting Colors

XYZ(25.9728, 25.5605, 16.3483)

Have a look what the booklet for
XYZ(25.9728, 25.5605, 16.3483)
contains.

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Color

**XYZ(25.9400, 25.5409,
16.3947)**

Conversions

Conversions Part 1

Format	Color
Hex	A38567
RGB	163, 133, 103
RGB Percent	64%, 52%, 40%
CMY	0.3608, 0.4784, 0.5961
CMYK	0.00, 0.18, 0.37, 0.36
HSL	30°, 25%, 52%
HSV	30°, 37%, 64%
XYZ	25.9400, 25.5409, 16.3947
YIQ	138.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

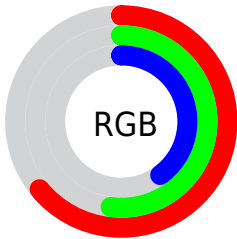
Format	Color
R_{YB}	163, 163, 103
Decimal	10716519
CIE _{Lab}	57.60, 7.09, 20.49
CIE _{LCh}	58, 21.685, 70.918
Yxy	25.5409, 0.3822, 0.3763
Android (android.graphics.Color)	4288906599 (0xFFA38567)
YUV	138.5500, -17.5261, 21.4427
Hunter-Lab	50.5380, 3.1784, 16.1427

Details

The XYZ color **25.9400, 25.5409, 16.3947** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.5917, 22.3022, 37.8698**, and the grayscale version is **24.4260, 25.6981, 27.9852**.

A 20% lighter version of the original color is **52.6051, 52.5110, 37.9349**, and **10.3145, 9.9412, 5.1166** is the 20% darker color. If you saturate the color by 10%, you get **24.1277, 23.1004, 12.1401**, and if you desaturate by 10%, it is **27.9997, 28.2207, 21.5192**.

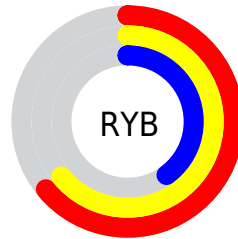
Distribution



Red (64%)

Green (52%)

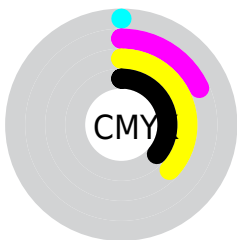
Blue (40%)



Red (64%)

Yellow (64%)

Blue (40%)

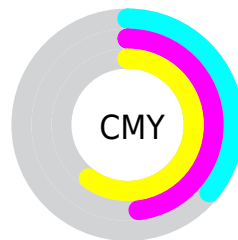


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9400, 25.5409, 16.3947 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 25.9400, 25.5409, 16.3947 by changing the saturation by 10% instead.

■ 25.9400, 25.5409,
16.3947

■ 25.9400, 25.5409,
16.3947

274.7495,
280.5211, 243.5843

■ 16.9112, 16.4805,
9.6465

■ 52.6101, 52.5334,
38.0584

■ 10.2661, 9.8648,
5.0627

■ 70.9822, 71.2342,
53.8109

■ 5.6394, 5.3094,
2.2247

■ 93.1993, 93.9174,
73.4020

■ 2.6656, 2.4299,
0.6886

■ 119.6270,
120.9672, 97.2502

■ 0.9795, 0.8412,
0.0000

150.6305,
152.7681, 125.7739

■ 0.0000, 0.0000,
0.0000

186.5752,

189.7044, 159.3919

227.8264,
232.1606, 198.5225

■ 25.9400, 25.5409,
16.3947

■ 25.9400, 25.5409,
16.3947

■ 24.1277, 23.1004,
12.1401

■ 27.9997, 28.2207,
21.5192

■ 22.5496, 20.8881,
8.7043

■ 30.3153, 31.1435,
27.5578

■ 21.1940, 18.8969,
6.0329

■ 32.8972, 34.3173,
34.5535

■ 20.0474, 17.1181,
4.0645

■ 35.7546, 37.7486,
42.5460

■ 19.0940, 15.5419,
2.7276

■ 38.8964, 41.4437,
51.5728

■ 18.3117, 14.1557,
1.9166

■ 42.3307, 45.4086,
61.6696

■ 18.0847, 13.7475,
1.7004

■ 46.0656, 49.6490,
72.8701

■ 50.1087, 54.1707,
85.2068

■ 54.4674, 58.9791,
98.7106

Harmonies

Analogous

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



28.2353, 25.5409, 19.4777



25.9400, 25.5409, 16.3947



23.3451, 25.5409, 16.0281

Triad

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



25.9400, 25.5409, 16.3947



19.7085, 25.5409, 30.5984



27.6847, 25.5409, 40.0343

Complementary

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



25.9400, 25.5409, 16.3947



20.5917, 22.3022, 37.8698

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.



25.2310, 25.5409, 44.2894



25.9400, 25.5409, 16.3947



20.7050, 25.5409, 38.2322

Square

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



25.9400, 25.5409, 16.3947



19.8685, 25.5409, 23.4042



22.6845, 25.5409, 43.5768



29.2910, 25.5409, 32.7360

Rectangle

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



25.9400, 25.5409, 16.3947



21.8068, 25.5409, 17.2839



22.6845, 25.5409, 43.5768



26.9246, 25.5409, 41.9220

Sweetspot

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



25.9406, 25.5421, 16.3952



56.8242, 58.9053, 56.1604



24.1883, 19.1808, 24.6180



12.6296, 13.0666, 12.2535



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.9406, 25.5421, 16.3952



43.8237, 42.2093, 23.1407



30.6497, 34.9602, 17.9649



7.3527, 7.6437, 7.4680



14.1007, 10.7752, 1.3366



0.3435, 0.3209, 0.0438

Inverse Universe

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



20.5917, 22.3022, 37.8698



32.8519, 35.5638, 67.1891



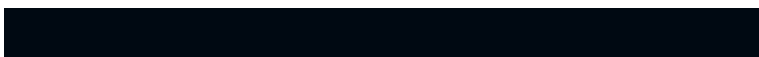
17.0549, 15.2288, 36.6909



6.9793, 7.4176, 8.9670



7.4985, 6.7765, 27.8426



0.2048, 0.2369, 0.6008

Previews

White Background



This preview shows how the XYZ color 25.9400, 25.5409, 16.3947 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 25.9400, 25.5409, 16.3947 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 25.9400, 25.5409, 16.3947

Background



This preview shows how black text looks on a background with the XYZ color 25.9400, 25.5409, 16.3947.



This preview shows how white text looks on a background with the XYZ color 25.9400, 25.5409,

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

25.9400, 25.5409, 16.3947

Protanopia

23.8510, 25.4928, 17.0281

Deuteranopia

26.1456, 25.6468, 16.4043



Tritanopia

28.2430, 25.4888, 27.4760

Trichromacy



Original Color

25.9400, 25.5409, 16.3947

Protanomaly

24.4397, 25.3801, 16.7074

Deuteranomaly

26.1456, 25.6468, 16.4043

Tritanomaly

27.4102, 25.5529, 22.8896

Monochromacy



Original Color

25.9400, 25.5409, 16.3947

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9243, 25.6936, 23.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9400, 25.5409, 16.3947 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(163, 133, 103)` looks like.

```
.text, #text, p{  
    color:rgb(163, 133, 103)  
}
```

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(163, 133, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 133, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.9400, 25.5409, 16.3947 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(163, 133, 103) }
```


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

```
.border{ border-color:rgb(163, 133, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 133, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 133, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 133, 103);  
box-shadow:4px 4px 4px 4px rgb(163, 133,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9400, 25.5409, 16.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 133, 103) }
```

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

```
.background{ background-color: rgb(163,  
133, 103) }
```

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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