

Converting Colors

XYZ(25.2985, 26.7621, 12.9753)

Have a look what the booklet for
XYZ(25.2985, 26.7621, 12.9753)
contains.

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Color

**XYZ(25.2401, 26.7298,
13.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8C58
RGB	158, 140, 88
RGB Percent	62%, 55%, 35%
CMY	0.3804, 0.4510, 0.6549
CMYK	0.00, 0.11, 0.44, 0.38
HSL	45°, 28%, 48%
HSV	45°, 44%, 62%
XYZ	25.2401, 26.7298, 13.0616
YIQ	139.4540, 27.4200, -12.3560

Conversions

Conversions Part 2

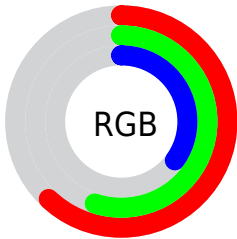
Format	Color
R_{YB}	112, 158, 88
Decimal	10390616
CIE _{Lab}	58.72, -0.70, 30.20
CIE _{LCh}	59, 30.204, 91.332
Yxy	26.7298, 0.3881, 0.4110
Android (android.graphics.Color)	4288580696 (0xFF9E8C58)
YUV	139.4540, -25.3668, 16.2648
Hunter-Lab	51.7009, -3.3337, 21.2117

Details

The XYZ color **25.2401, 26.7298, 13.0616** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3500, 14.8510, 34.4053**, and the grayscale version is **24.8038, 26.0955, 28.4180**.

A 20% lighter version of the original color is **51.4617, 54.3002, 32.1948**, and **9.8821, 10.4757, 3.5990** is the 20% darker color. If you saturate the color by 10%, you get **24.0728, 25.3316, 9.7861**, and if you desaturate by 10%, it is **26.5725, 28.2311, 17.0926**.

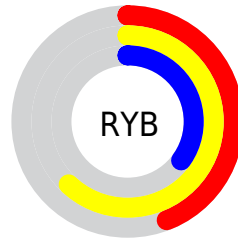
Distribution



Red (62%)

Green (55%)

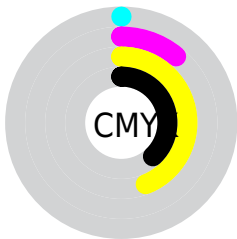
Blue (35%)



Red (44%)

Yellow (62%)

Blue (35%)

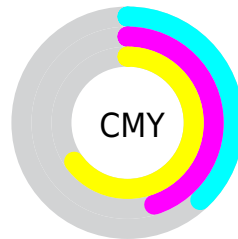


Cyan (0%)

Magenta (11%)

Yellow (44%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2401, 26.7298, 13.0616 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 25.2401, 26.7298, 13.0616 by changing the saturation by 10% instead.

■ 25.2401, 26.7298,
13.0616

■ 25.2401, 26.7298,
13.0616

271.3572,
286.3465, 222.5337

■ 16.3857, 17.3704,
7.3398

■ 51.4866, 54.4500,
32.1072

■ 9.8901, 10.4989,
3.5938

■ 69.6093, 73.5795,
46.2681

■ 5.3878, 5.7310,
1.4053

■ 91.5523, 96.7346,
64.0790

■ 2.5137, 2.6822,
0.1458

■ 117.6808,
124.2996, 85.9585

■ 0.9021, 0.9682,
0.0000

■ 148.3602,
156.6589, 112.3252

■ 0.0000, 0.0000,
0.0000

183.9558,

194.1969, 143.5977

224.8330,
237.2979, 180.1943

■ 25.2401, 26.7298,
13.0616

■ 25.2401, 26.7298,
13.0616

■ 24.0728, 25.3316,
9.7861

■ 26.5725, 28.2311,
17.0926

■ 23.0592, 24.0285,
7.2157

■ 28.0766, 29.8356,
21.9218

■ 22.1893, 22.8173,
5.2962

■ 29.7612, 31.5480,
27.5910

■ 21.4510, 21.6926,
3.9650

■ 31.6337, 33.3717,
34.1382

■ 20.8296, 20.6482,
3.1461

■ 33.7012, 35.3099,
41.5993

■ 20.5062, 20.0803,
2.7951

■ 35.9701, 37.3656,
50.0081

■ 38.4469, 39.5416,
59.3966

■ 41.1375, 41.8407,
69.7955

■ 44.0478, 44.2654,
81.2340

Harmonies

Analogous

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



28.9913, 26.7298, 14.5849



25.2401, 26.7298, 13.0616



21.8675, 26.7298, 14.8872

Triad

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



25.2401, 26.7298, 13.0616



19.7767, 26.7298, 41.0988



32.2073, 26.7298, 40.0702

Complementary

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



25.2401, 26.7298, 13.0616



15.3500, 14.8510, 34.4053

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.



29.3067, 26.7298, 50.3240



25.2401, 26.7298, 13.0616



22.1289, 26.7298, 51.0126

Square

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



25.2401, 26.7298, 13.0616



18.9093, 26.7298, 29.5826



25.5724, 26.7298, 54.7396



33.2423, 26.7298, 28.6310

Rectangle

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



25.2401, 26.7298, 13.0616



20.2239, 26.7298, 18.0965



25.5724, 26.7298, 54.7396



31.4050, 26.7298, 43.8589

Sweetspot

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



25.2408, 26.7310, 13.0621



54.3866, 57.6287, 51.2761



20.2268, 15.3034, 15.7063



12.1082, 12.8400, 11.0341



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.2408, 26.7310, 13.0621



43.7691, 46.0676, 17.9135



25.0867, 30.8798, 13.8710



7.0257, 7.4314, 7.0498



16.4561, 16.1478, 2.2495



0.3258, 0.3519, 0.0508

Inverse Universe

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



15.3500, 14.8510, 34.4053



23.5075, 21.7525, 61.7031



15.4093, 12.4115, 33.9313



6.4165, 6.6987, 8.3615



5.5955, 3.2825, 26.2459



0.1311, 0.1207, 0.4796

Previews

White Background



This preview shows how the XYZ color 25.2401, 26.7298, 13.0616 looks on a white background.

Color Contrast Check

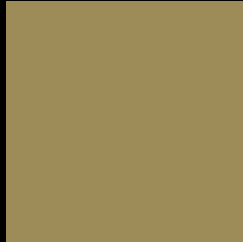
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2401, 26.7298, 13.0616 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 25.2401, 26.7298, 13.0616

Background



This preview shows how black text looks on a background with the XYZ color 25.2401, 26.7298, 13.0616.



This preview shows how white text looks on a background with the XYZ color 25.2401, 26.7298,

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

25.2401, 26.7298, 13.0616

Protanopia

24.6545, 26.6410, 13.2940

Deuteranopia

27.2617, 26.7071, 13.1693



Tritanopia

28.7314, 26.6812, 30.0212

Trichromacy



Original Color

25.2401, 26.7298, 13.0616

Protanomaly

24.8456, 26.7396, 13.3029

Deuteranomaly

26.4747, 26.7196, 13.2132

Tritanomaly

27.3425, 26.7449, 22.7900

Monochromacy



Original Color

25.2401, 26.7298, 13.0616

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4768, 25.9323, 21.4847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2401, 26.7298, 13.0616 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(158, 140, 88)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 88)  
}
```

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(158, 140, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 88) }
```

Border

The CSS property to change the border of an element to XYZ 25.2401, 26.7298, 13.0616 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(158, 140, 88) }
```


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

```
.border{ border-color:rgb(158, 140, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 140, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 140, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 140, 88);  
box-shadow:4px 4px 4px 4px rgb(158, 140,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2401, 26.7298, 13.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 88) }
```

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

```
.background{ background-color: rgb(158,  
140, 88) }
```

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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