

Converting Colors

XYZ(25.7841, 27.3947, 10.6578)

Have a look what the booklet for
XYZ(25.7841, 27.3947, 10.6578)
contains.

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Color

**XYZ(25.8433, 27.5354,
10.6094)**

Conversions

Conversions Part 1

Format	Color
Hex	A28E4B
RGB	162, 142, 75
RGB Percent	64%, 56%, 29%
CMY	0.3647, 0.4431, 0.7059
CMYK	0.00, 0.12, 0.54, 0.36
HSL	46°, 37%, 46%
HSV	46°, 54%, 64%
XYZ	25.8433, 27.5354, 10.6094
YIQ	140.3420, 33.4270, -16.5970

Conversions

Conversions Part 2

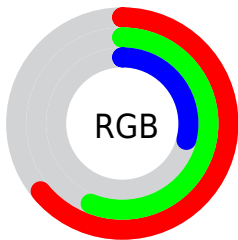
Format	Color
RYB	101, 162, 75
Decimal	10653259
CIELab	59.47, -1.37, 38.08
CIELCh	59, 38.107, 92.054
Yxy	27.5354, 0.4039, 0.4303
Android (android.graphics.Color)	4288843339 (0xFFA28E4B)
YUV	140.3420, -32.2136, 18.9941
Hunter-Lab	52.4742, -3.9194, 24.7445

Details

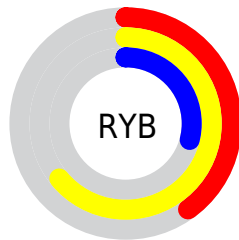
The XYZ color **25.8433, 27.5354, 10.6094** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.5153, 12.2885, 35.8419**, and the grayscale version is **25.1734, 26.4844, 28.8415**.

A 20% lighter version of the original color is **52.4302, 55.5710, 27.3649**, and **10.2093, 10.9216, 2.6069** is the 20% darker color. If you saturate the color by 10%, you get **24.8134, 26.2528, 7.8703**, and if you desaturate by 10%, it is **27.0343, 28.9141, 14.0994**.

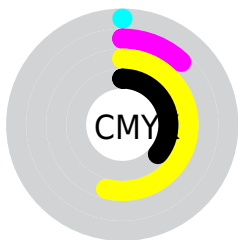
Distribution



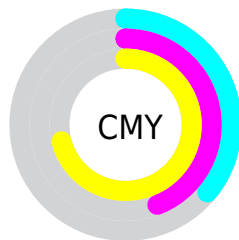
- Red (64%)
- Green (56%)
- Blue (29%)



- Red (40%)
- Yellow (64%)
- Blue (29%)



- Cyan (0%)
- Magenta (12%)
- Yellow (54%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8433, 27.5354, 10.6094 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 25.8433, 27.5354, 10.6094 by changing the saturation by 10% instead.

■ 25.8433, 27.5354,
10.6094

■ 25.8433, 27.5354,
10.6094

274.2828,
290.2402, 205.6081

■ 16.8385, 17.9757,
5.6940

■ 52.4551, 55.7418,
27.5611

■ 10.2140, 10.9326,
2.5942

■ 70.7929, 75.1574,
40.4345

■ 5.6044, 6.0215,
0.8894

■ 92.9724, 98.6270,
56.7976

■ 2.6444, 2.8582,
0.0000

■ 119.3589,
126.5351, 77.0690

■ 0.9687, 1.0581,
0.0000

■ 150.3179,
159.2661, 101.6672

■ 0.0000, 0.0000,
0.0000

186.2146,

197.2043, 131.0108

227.4145,
240.7342, 165.5182

■ 25.8433, 27.5354,
10.6094

■ 25.8433, 27.5354,
10.6094

■ 24.8134, 26.2528,
7.8703

■ 27.0343, 28.9141,
14.0994

■ 23.9314, 25.0576,
5.8227

■ 28.3942, 30.3893,
18.3902

■ 23.1853, 23.9459,
4.4010

■ 29.9330, 31.9662,
23.5295

■ 22.5598, 22.9111,
3.5262

■ 31.6589, 33.6483,
29.5606

■ 22.2043, 22.2895,
3.1320

■ 33.5799, 35.4392,
36.5239

■ 35.7032, 37.3421,
44.4574

■ 38.0359, 39.3599,
53.3969

■ 40.5845, 41.4956,
63.3763

■ 43.3553, 43.7519,
74.4281

Harmonies

Analogous

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



30.7231, 27.5354, 12.2123



25.8433, 27.5354, 10.6094



21.5873, 27.5354, 12.7385

Triad

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



25.8433, 27.5354, 10.6094



19.1243, 27.5354, 46.2472



35.1668, 27.5354, 44.0983

Complementary

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



25.8433, 27.5354, 10.6094



13.5153, 12.2885, 35.8419

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.



31.3629, 27.5354, 58.3081



25.8433, 27.5354, 10.6094



22.0934, 27.5354, 59.7915

Square

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



25.8433, 27.5354, 10.6094



18.0137, 27.5354, 30.9354



26.5026, 27.5354, 64.7633



36.4817, 27.5354, 29.0471

Rectangle

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



25.8433, 27.5354, 10.6094



19.5676, 27.5354, 16.5251



26.5026, 27.5354, 64.7633



34.1157, 27.5354, 49.2720

Sweetspot

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



25.8440, 27.5367, 10.6100



56.6262, 60.2733, 50.6563



19.4957, 13.5455, 12.4855



12.5786, 13.4022, 10.8875



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.



25.8440, 27.5367, 10.6100



44.7877, 47.3213, 13.6463



24.8045, 31.8204, 11.4916



7.5108, 7.9599, 7.5206



17.5267, 17.6274, 2.4787



0.4003, 0.4345, 0.0628

Inverse Universe

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



13.5153, 12.2885, 35.8419



20.1273, 16.8639, 64.2504



14.0965, 10.2489, 35.4176



6.8265, 7.1119, 8.9160



5.6931, 3.1656, 27.2407



0.1525, 0.1322, 0.5833

Previews

White Background



This preview shows how the XYZ color 25.8433, 27.5354, 10.6094 looks on a white background.

Color Contrast Check

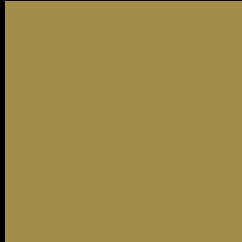
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8433, 27.5354, 10.6094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

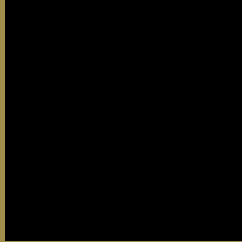
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8433, 27.5354, 10.6094

Background



This preview shows how black text looks on a background with the XYZ color 25.8433, 27.5354, 10.6094.



This preview shows how white text looks on a background with the XYZ color 25.8433, 27.5354,

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

25.8433, 27.5354, 10.6094

Protanopia

25.1930, 27.4220, 10.6218

Deuteranopia

28.1547, 27.6432, 10.6892



Tritanopia

29.7844, 27.4194, 30.5107

Trichromacy



Original Color

25.8433, 27.5354, 10.6094

Protanomaly

25.3905, 27.5238, 10.6310

Deuteranomaly

27.3317, 27.6450, 10.7330

Tritanomaly

28.0617, 27.3544, 21.5702

Monochromacy



Original Color

25.8433, 27.5354, 10.6094

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8900, 26.6066, 20.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8433, 27.5354, 10.6094 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(162, 142, 75)` looks like.

```
.text, #text, p{  
    color:rgb(162, 142, 75)  
}
```

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(162, 142, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 75) }
```

Border

The CSS property to change the border of an element to XYZ 25.8433, 27.5354, 10.6094 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(162, 142, 75) }
```


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

```
.border{ border-color:rgb(162, 142, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 142, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 142, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 142, 75);  
box-shadow:4px 4px 4px 4px rgb(162, 142,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8433, 27.5354, 10.6094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 142, 75) }
```

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

```
.background{ background-color: rgb(162,  
142, 75) }
```

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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