

Converting Colors

XYZ(25.7236, 32.7563, 10.7955)

Have a look what the booklet for
XYZ(25.7236, 32.7563, 10.7955)
contains.

XYZ(25.7086, 32.8328, 10.7767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7086, 32.8328,
10.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA446
RGB	143, 164, 70
RGB Percent	56%, 64%, 27%
CMY	0.4392, 0.3568, 0.7255
CMYK	0.13, 0.00, 0.57, 0.36
HSL	73°, 40%, 46%
HSV	73°, 57%, 64%
XYZ	25.7086, 32.8328, 10.7767
YIQ	147.0050, 17.6580, -33.6860

Conversions

Conversions Part 2

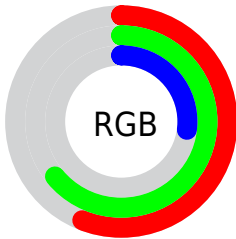
Format	Color
RYB	70, 164, 91
Decimal	9413702
CIELab	64.03, -21.58, 45.46
CIELCh	64, 50.323, 115.392
Yxy	32.8328, 0.3709, 0.4737
Android (android.graphics.Color)	4287603782 (0xFF8FA446)
YUV	147.0050, -37.9635, -3.5124
Hunter-Lab	57.2999, -20.1877, 28.9590

Details

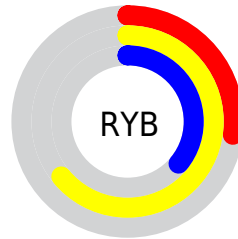
The XYZ color **25.7086, 32.8328, 10.7767** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.2067, 9.2857, 36.2203**, and the grayscale version is **27.8829, 29.3350, 31.9458**.

A 20% lighter version of the original color is **52.3976, 64.2103, 28.0445**, and **10.1118, 13.8025, 2.6615** is the 20% darker color. If you saturate the color by 10%, you get **24.6362, 32.3329, 8.3836**, and if you desaturate by 10%, it is **26.9447, 33.4029, 13.9167**.

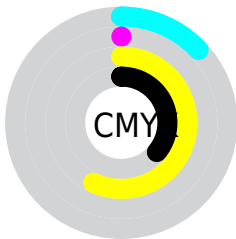
Distribution



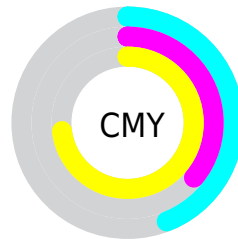
- Red (56%)
- Green (64%)
- Blue (27%)



- Red (27%)
- Yellow (64%)
- Blue (36%)



- Cyan (13%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)





- Cyan (44%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7086, 32.8328, 10.7767 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 25.7086, 32.8328, 10.7767 by changing the saturation by 10% instead.


 25.7086, 32.8328,
10.7767


 25.7086, 32.8328,
10.7767


273.6317,
314.8956, 206.8112


 16.7373, 21.9984,
5.8046


 52.2391, 64.1144,
27.8768

 10.1415, 13.8557,
2.6598


 70.5291, 85.3304,
40.8419


 5.5559, 8.0204,
0.9231


 92.6560, 110.7757,
57.3084

 2.6150, 4.1080,
0.0000

 118.9851,
140.8347, 77.6949

 0.9536, 1.7342,
0.0000

 149.8819,
175.8918, 102.4199

 0.0000, 0.4456,
0.0000

185.7117,

 0.0000, 0.0000,

216.3314, 131.9019

0.0000

226.8398,
262.5379, 166.5595

■ 25.7086, 32.8328,
10.7767

■ 25.7086, 32.8328,
10.7767

■ 24.6362, 32.3329,
8.3836

■ 26.9447, 33.4029,
13.9167

■ 23.7131, 31.8940,
6.6732

■ 28.3528, 34.0431,
17.8569

■ 22.9263, 31.5118,
5.5739

■ 29.9435, 34.7587,
22.6479

■ 22.2537, 31.1778,
4.9714

■ 31.7255, 35.5533,
28.3357

■ 22.0819, 31.0920,
4.8375

■ 33.7072, 36.4303,
34.9630

■ 35.8964, 37.3928,
42.5696

■ 38.3004, 38.4437,
51.1931

■ 40.9261, 39.5858,
60.8693

■ 43.7801, 40.8218,
71.6319

Harmonies

Analogous

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



32.3168, 32.8328, 9.2166



25.7086, 32.8328, 10.7767



21.2610, 32.8328, 17.8174

Triad

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



25.7086, 32.8328, 10.7767



24.0744, 32.8328, 78.5754



46.8962, 32.8328, 38.9848

Complementary

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



25.7086, 32.8328, 10.7767



13.2067, 9.2857, 36.2203

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.



43.8519, 32.8328, 62.8853



25.7086, 32.8328, 10.7767



30.1222, 32.8328, 90.6308

Square

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



25.7086, 32.8328, 10.7767



20.4227, 32.8328, 55.2827



37.4374, 32.8328, 84.0083



45.2429, 32.8328, 21.4626

Rectangle

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



25.7086, 32.8328, 10.7767



19.7680, 32.8328, 26.7638



37.4374, 32.8328, 84.0083



46.3768, 32.8328, 46.5497

Sweetspot

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



25.7094, 32.8343, 10.7774



57.5828, 64.5311, 51.4277



20.1037, 15.7100, 7.7675



12.4501, 14.0461, 10.7916



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.



25.7094, 32.8343, 10.7774



44.1894, 58.4374, 14.1671



19.2729, 29.5162, 10.4762



7.4939, 8.1571, 7.5596



16.9724, 23.8601, 3.7109



0.3928, 0.5200, 0.0797

Inverse Universe

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



13.2067, 9.2857, 36.2203



19.3274, 11.4857, 64.9506



19.2689, 12.4109, 36.5040



6.8417, 6.9327, 8.8806



5.7485, 2.3700, 27.0842



0.1579, 0.0689, 0.5708

Previews

White Background



This preview shows how the XYZ color 25.7086, 32.8328, 10.7767 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.7086, 32.8328, 10.7767 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 ✓ Pass

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

XYZ 25.7086, 32.8328, 10.7767

Background



This preview shows how black text looks on a background with the XYZ color 25.7086, 32.8328, 10.7767.



This preview shows how white text looks on a background with the XYZ color 25.7086, 32.8328, 10.7767.

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

25.7086, 32.8328, 10.7767

Protanopia

29.7477, 32.6186, 10.0383

Deuteranopia

33.1896, 32.4518, 11.1712



Tritanopia

31.7650, 32.7344, 40.7206

Trichromacy



Original Color

25.7086, 32.8328, 10.7767

Protanomaly

27.9682, 32.4481, 10.2579

Deuteranomaly

30.0494, 32.2622, 10.9468

Tritanomaly

28.9013, 32.5764, 26.2374

Monochromacy



Original Color

25.7086, 32.8328, 10.7767

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5751, 30.2254, 21.8862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7086, 32.8328, 10.7767 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(143, 164, 70)` looks like.

```
.text, #text, p{  
    color:rgb(143, 164, 70)  
}
```

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(143, 164, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 164, 70) }
```

Border

The CSS property to change the border of an element to XYZ 25.7086, 32.8328, 10.7767 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(143, 164, 70) }
```


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

```
.border{ border-color:rgb(143, 164, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 164, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 164, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 164, 70);  
box-shadow:4px 4px 4px 4px rgb(143, 164,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7086, 32.8328, 10.7767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 164, 70) }
```

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

```
.background{ background-color: rgb(143,  
164, 70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor