

Converting Colors

XYZ(25.5724, 32.7156, 12.7514)

Have a look what the booklet for
XYZ(25.5724, 32.7156, 12.7514)
contains.

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Color

**XYZ(25.5759, 32.7204,
12.7523)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA451
RGB	140, 164, 81
RGB Percent	55%, 64%, 32%
CMY	0.4510, 0.3568, 0.6823
CMYK	0.15, 0.00, 0.51, 0.36
HSL	77°, 34%, 48%
HSV	77°, 51%, 64%
XYZ	25.5759, 32.7204, 12.7523
YIQ	147.3620, 12.3390, -30.9010

Conversions

Conversions Part 2

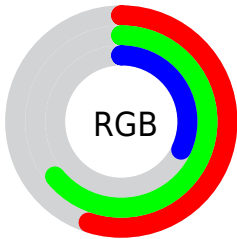
Format	Color
RYB	81, 164, 105
Decimal	9217105
CIELab	63.93, -21.74, 39.96
CIELCh	64, 45.496, 118.548
Yxy	32.7204, 0.3600, 0.4605
Android (android.graphics.Color)	4287407185 (0xFF8CA451)
YUV	147.3620, -32.7165, -6.4565
Hunter-Lab	57.2017, -20.2926, 26.8234

Details

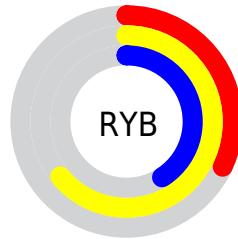
The XYZ color **25.5759, 32.7204, 12.7523** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.4702, 11.5693, 36.5415**, and the grayscale version is **28.0116, 29.4704, 32.0933**.

A 20% lighter version of the original color is **52.0021, 63.9311, 31.4289**, and **10.0794, 13.7673, 3.4926** is the 20% darker color. If you saturate the color by 10%, you get **24.2519, 32.1016, 9.8588**, and if you desaturate by 10%, it is **27.0845, 33.4193, 16.4311**.

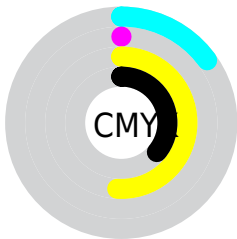
Distribution



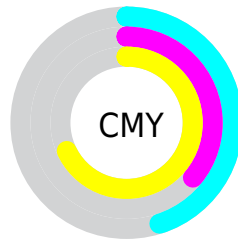
- Red (55%)
- Green (64%)
- Blue (32%)



- Red (32%)
- Yellow (64%)
- Blue (41%)



- Cyan (15%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (45%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5759, 32.7204, 12.7523 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 25.5759, 32.7204, 12.7523 by changing the saturation by 10% instead.

■ 25.5759, 32.7204,
12.7523

■ 25.5759, 32.7204,
12.7523

272.9890,
314.3880, 220.4758

■ 16.6376, 21.9123,
7.1295

■ 52.0262, 63.9388,
31.5427

■ 10.0702, 13.7925,
3.4635

■ 70.2689, 85.1178,
45.5474

■ 5.5081, 7.9765,
1.3359

■ 92.3438, 110.5227,
63.1830

■ 2.5862, 4.0799,
0.0910

■ 118.6163,
140.5378, 84.8683

■ 0.9389, 1.7184,
0.0000

■ 149.4517,
175.5475, 111.0217

■ 0.0000, 0.4355,
0.0000

185.2154,

■ 0.0000, 0.0000,

215.9361, 142.0617

0.0000

226.2727,
262.0882, 178.4069

■ 25.5759, 32.7204,
12.7523

■ 25.5759, 32.7204,
12.7523

■ 24.2519, 32.1016,
9.8588

■ 27.0845, 33.4193,
16.4311

■ 23.0988, 31.5540,
7.6913

■ 28.7855, 34.1981,
20.9447

■ 22.1047, 31.0737,
6.1852

■ 30.6891, 35.0620,
26.3410

■ 21.2544, 30.6549,
5.2638

■ 32.8041, 36.0145,
32.6637

■ 20.5552, 30.3048,
4.7660

■ 35.1384, 37.0590,
39.9535

■ 37.6999, 38.1985,
48.2488

■ 40.4957, 39.4360,
57.5859

■ 43.5329, 40.7744,
67.9992

■ 46.8179, 42.2163,
79.5216

Harmonies

Analogous

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



31.4130, 32.7204, 10.7147



25.5759, 32.7204, 12.7523



21.7294, 32.7204, 20.2058

Triad

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



25.5759, 32.7204, 12.7523



25.1042, 32.7204, 74.9983



45.1130, 32.7204, 36.5286

Complementary

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



25.5759, 32.7204, 12.7523



15.4702, 11.5693, 36.5415

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.



42.8379, 32.7204, 57.3905



25.5759, 32.7204, 12.7523



30.7886, 32.7204, 83.8194

Square

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



25.5759, 32.7204, 12.7523



21.4845, 32.7204, 55.2885



37.3667, 32.7204, 76.4766



43.2256, 32.7204, 21.2856

Rectangle

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



25.5759, 32.7204, 12.7523



20.5204, 32.7204, 29.0706



37.3667, 32.7204, 76.4766



44.8044, 32.7204, 43.1016

Sweetspot

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



25.5767, 32.7219, 12.7530



57.6995, 64.5408, 53.7104



21.7987, 18.4926, 10.2056



12.4480, 14.0350, 11.2469



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.



25.5767, 32.7219, 12.7530



43.6775, 58.1057, 17.2064



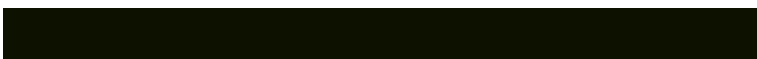
19.9055, 29.7983, 12.4876



7.4489, 8.1339, 7.5575



15.8087, 23.2602, 3.6565



0.3753, 0.5110, 0.0788

Inverse Universe

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



15.4702, 11.5693, 36.5415



23.2285, 15.2229, 65.4664



21.5014, 14.6785, 36.8237



6.8840, 6.9546, 8.8826



6.0941, 2.5481, 27.1004



0.1726, 0.0765, 0.5715

Previews

White Background



This preview shows how the XYZ color 25.5759, 32.7204, 12.7523 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 25.5759, 32.7204, 12.7523 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 25.5759, 32.7204, 12.7523

Background



This preview shows how black text looks on a background with the XYZ color 25.5759, 32.7204, 12.7523.



This preview shows how white text looks on a background with the XYZ color 25.5759, 32.7204,

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

25.5759, 32.7204, 12.7523

Protanopia

29.8911, 32.6507, 11.9345

Deuteranopia

33.0597, 32.3421, 13.0946



Tritanopia

31.4589, 32.8120, 41.2345

Trichromacy



Original Color

25.5759, 32.7204, 12.7523

Protanomaly

28.1353, 32.4918, 12.1858

Deuteranomaly

29.7861, 32.0805, 13.0098

Tritanomaly

28.7034, 32.4343, 28.0402

Monochromacy



Original Color

25.5759, 32.7204, 12.7523

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.4680, 30.1418, 23.1618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5759, 32.7204, 12.7523 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(140, 164, 81)` looks like.

```
.text, #text, p{  
    color:rgb(140, 164, 81)  
}
```

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(140, 164, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 164, 81) }
```

Border

The CSS property to change the border of an element to XYZ 25.5759, 32.7204, 12.7523 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(140, 164, 81) }
```


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

```
.border{ border-color:rgb(140, 164, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 164, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 164, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 164, 81);  
box-shadow:4px 4px 4px 4px rgb(140, 164,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5759, 32.7204, 12.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 164, 81) }
```

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

```
.background{ background-color: rgb(140,  
164, 81) }
```

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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