

Converting Colors

XYZ(25.4511, 32.5093, 8.4494)

Have a look what the booklet for
XYZ(25.4511, 32.5093, 8.4494)
contains.

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Color

**XYZ(25.4401, 32.4805,
8.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	91A336
RGB	145, 163, 54
RGB Percent	57%, 64%, 21%
CMY	0.4314, 0.3608, 0.7882
CMYK	0.11, 0.00, 0.67, 0.36
HSL	70°, 50%, 43%
HSV	70°, 67%, 64%
XYZ	25.4401, 32.4805, 8.4186
YIQ	145.1920, 24.2610, -37.7150

Conversions

Conversions Part 2

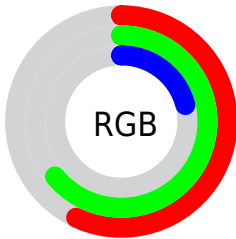
Format	Color
RYB	54, 163, 72
Decimal	9544502
CIELab	63.74, -21.47, 52.28
CIELCh	64, 56.513, 112.328
Yxy	32.4805, 0.3835, 0.4896
Android (android.graphics.Color)	4287734582 (0xFF91A336)
YUV	145.1920, -44.9577, -0.1684
Hunter-Lab	56.9917, -20.0561, 31.1361

Details

The XYZ color **25.4401, 32.4805, 8.4186** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.6037, 6.6612, 35.3792**, and the grayscale version is **27.1629, 28.5774, 31.1208**.

A 20% lighter version of the original color is **51.8126, 63.6219, 23.4593**, and **9.9988, 13.5930, 2.0967** is the 20% darker color. If you saturate the color by 10%, you get **24.6511, 32.1119, 6.7077**, and if you desaturate by 10%, it is **26.3702, 32.9092, 10.8071**.

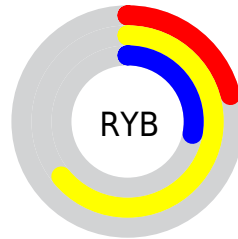
Distribution



Red (57%)

Green (64%)

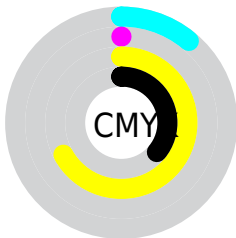
Blue (21%)



Red (21%)

Yellow (64%)

Blue (28%)

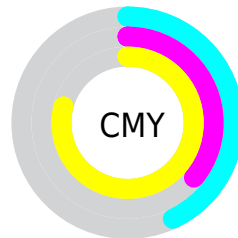


Cyan (11%)

Magenta (0%)

Yellow (67%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4401, 32.4805, 8.4186 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 25.4401, 32.4805, 8.4186 by changing the saturation by 10% instead.

■ 25.4401, 32.4805,
8.4186

■ 25.4401, 32.4805,
8.4186

272.3300,
313.3023, 189.0349

■ 16.5357, 21.7288,
4.2724

■ 51.8081, 63.5636,
23.3346

■ 9.9973, 13.6577,
1.7759

■ 70.0024, 84.6638,
34.9415

■ 5.4594, 7.8830,
0.4120

■ 92.0240, 109.9822,
49.8724

■ 2.5568, 4.0202,
0.0000

■ 118.2384,
139.9033, 68.5457

■ 0.9240, 1.6849,
0.0000

■ 149.0108,
174.8115, 91.3801

■ 0.0000, 0.4138,
0.0000

■ 184.7067,

■ 0.0000, 0.0000,

215.0911, 118.7941

0.0000

225.6913,
261.1266, 151.2062

■ 25.4401, 32.4805,
8.4186

■ 25.4401, 32.4805,
8.4186

■ 24.6511, 32.1119,
6.7077

■ 26.3702, 32.9092,
10.8071

■ 23.9874, 31.7936,
5.6017

■ 27.4507, 33.3981,
13.9321

■ 23.4296, 31.5189,
4.9954

■ 28.6928, 33.9531,
17.8484

■ 23.2641, 31.4368,
4.8418

■ 30.1058, 34.5777,
22.6050

■ 31.6985, 35.2755,
28.2471

■ 33.4787, 36.0497,
34.8165

■ 35.4541, 36.9033,
42.3524

■ 37.6317, 37.8391,
50.8919

■ 40.0183, 38.8599,
60.4698

Harmonies

Analogous

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



32.9496, 32.4805, 7.3603



25.4401, 32.4805, 8.4186



20.3187, 32.4805, 14.8474

Triad

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



25.4401, 32.4805, 8.4186



22.4690, 32.4805, 82.3371



48.5568, 32.4805, 41.5132

Complementary

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



25.4401, 32.4805, 8.4186



10.6037, 6.6612, 35.3792

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.



44.5623, 32.4805, 69.2758



25.4401, 32.4805, 8.4186



28.8831, 32.4805, 98.5882

Square

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



25.4401, 32.4805, 8.4186



18.8190, 32.4805, 54.6574



37.0262, 32.4805, 92.9935



47.2096, 32.4805, 21.2494

Rectangle

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



25.4401, 32.4805, 8.4186



18.5164, 32.4805, 23.7099



37.0262, 32.4805, 92.9935



47.7735, 32.4805, 50.3257

Sweetspot

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



25.4409, 32.4820, 8.4193



55.7302, 62.7193, 46.8626



17.9834, 12.4781, 4.9512



12.3450, 14.0112, 9.9165



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.



25.4409, 32.4820, 8.4193



43.5709, 57.2328, 10.9722



18.1929, 28.7455, 8.0801



7.5341, 8.1778, 7.5615



18.1120, 24.4476, 3.7642



0.4093, 0.5285, 0.0804

Inverse Universe

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



10.6037, 6.6612, 35.3792



15.2266, 7.7285, 62.7453



16.3668, 9.6322, 35.6489



6.8045, 6.9136, 8.8789



5.5148, 2.2495, 27.0733



0.1449, 0.0622, 0.5702

Previews

White Background



This preview shows how the XYZ color 25.4401, 32.4805, 8.4186 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 25.4401, 32.4805, 8.4186 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 25.4401, 32.4805, 8.4186

Background



This preview shows how black text looks on a background with the XYZ color 25.4401, 32.4805, 8.4186.



This preview shows how white text looks on a background with the XYZ color 25.4401, 32.4805,

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

25.4401, 32.4805, 8.4186

Protanopia

29.1887, 32.1298, 7.9121

Deuteranopia

32.8327, 32.0905, 8.7386



Tritanopia

31.6394, 32.2047, 39.6705

Trichromacy



Original Color

25.4401, 32.4805, 8.4186

Protanomaly

27.5999, 32.0524, 8.1002

Deuteranomaly

29.6712, 31.8759, 8.5918

Tritanomaly

28.4755, 31.9076, 23.7267

Monochromacy



Original Color

25.4401, 32.4805, 8.4186

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.8299, 29.6461, 19.6901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4401, 32.4805, 8.4186 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(145, 163, 54)` looks like.

```
.text, #text, p{  
    color:rgb(145, 163, 54)  
}
```

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(145, 163, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 163, 54) }
```

Border

The CSS property to change the border of an element to XYZ 25.4401, 32.4805, 8.4186 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(145, 163, 54) }
```


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

```
.border{ border-color:rgb(145, 163, 54) }
```

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

Here you see how a box with a 4 pixel rgb(145, 163, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 163, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 163, 54);  
box-shadow:4px 4px 4px 4px rgb(145, 163,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4401, 32.4805, 8.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 163, 54) }
```

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

```
.background{ background-color: rgb(145,  
163, 54) }
```

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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