

Converting Colors

XYZ(25.5128, 32.0712, 4.8744)

Have a look what the booklet for
XYZ(25.5128, 32.0712, 4.8744)
contains.

XYZ(25.5128, 32.0712, 4.8744)	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(25.5128, 32.0712,
4.8744)**

Conversions

Conversions Part 1

Format	Color
Hex	97A101
RGB	151, 161, 1
RGB Percent	59%, 63%, 0%
CMY	0.4078, 0.3686, 0.9960
CMYK	0.06, 0.00, 0.99, 0.37
HSL	64°, 99%, 32%
HSV	64°, 99%, 63%
XYZ	25.5128, 32.0712, 4.8744
YIQ	139.7700, 45.4000, -51.8800

Conversions

Conversions Part 2

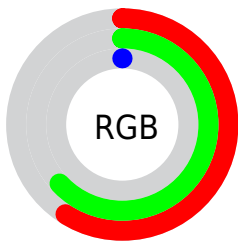
Format	Color
RYB	1, 161, 11
Decimal	9937153
CIELab	63.40, -19.71, 65.88
CIELCh	63, 68.771, 106.658
Yxy	32.0712, 0.4085, 0.5135
Android (android.graphics.Color)	4288127233 (0xFF97A101)
YUV	139.7700, -68.4136, 9.8487
Hunter-Lab	56.6314, -18.6897, 34.5388

Details

The XYZ color **25.5128, 32.0712, 4.8744** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.5827, 2.6666, 33.8879**, and the grayscale version is **25.0841, 26.3904, 28.7391**.

A 20% lighter version of the original color is **52.1204, 63.1750, 16.1036**, and **10.2952, 13.5848, 2.0795** is the 20% darker color. If you saturate the color by 10%, you get **25.4962, 32.0644, 4.8453**, and if you desaturate by 10%, it is **25.7977, 32.2080, 5.3921**.

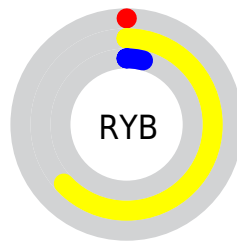
Distribution



Red (59%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (4%)

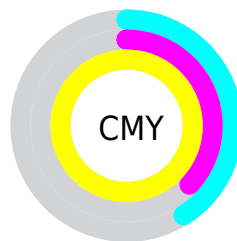


Cyan (6%)

Magenta (0%)

Yellow (99%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5128, 32.0712, 4.8744 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 25.5128, 32.0712, 4.8744 by changing the saturation by 10% instead.

■ 25.5128, 32.0712,
4.8744

■ 25.5128, 32.0712,
4.8744

272.6830,
311.4435, 157.4982

■ 16.5903, 21.4159,
2.1163

■ 51.9248, 62.9227,
15.9809

■ 10.0363, 13.4283,
0.6254

■ 70.1451, 83.8877,
25.1663

■ 5.4855, 7.7242,
0.0000

■ 92.1953, 109.0580,
37.3313

■ 2.5725, 3.9190,
0.0000

■ 118.4408,
138.8180, 52.8944

■ 0.9320, 1.6283,
0.0000

■ 149.2469,
173.5522, 72.2741

■ 0.0000, 0.3766,
0.0000

■ 184.9791,

■ 0.0000, 0.0000,

213.6449, 95.8889

0.0000

226.0027,
259.4805, 124.1574

25.5128, 32.0712,
4.8744

25.5128, 32.0712,
4.8744

25.4962, 32.0644,
4.8453

25.7977, 32.2080,
5.3921

26.1625, 32.3758,
6.3249

26.6369, 32.5876,
7.8269

27.2345, 32.8489,
9.9695

27.9670, 33.1643,
12.8138

■ 28.8446, 33.5380,
16.4138

■ 29.8766, 33.9736,
20.8182

■ 31.0714, 34.4745,
26.0715

■ 32.4369, 35.0438,
32.2152

Harmonies

Analogous

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



34.9227, 32.0712, 4.6653



25.5128, 32.0712, 4.8744



18.9766, 32.0712, 9.8227

Triad

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



25.5128, 32.0712, 4.8744



19.5302, 32.0712, 88.8788



52.0856, 32.0712, 48.5261

Complementary

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



25.5128, 32.0712, 4.8744



6.5827, 2.6666, 33.8879

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.



45.8947, 32.0712, 84.9244



25.5128, 32.0712, 4.8744



26.4360, 32.0712, 115.2317

Square

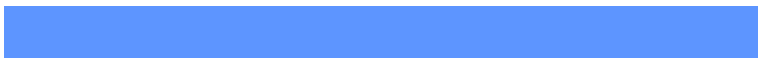
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.5128, 32.0712, 4.8744



16.0500, 32.0712, 52.2825



36.0595, 32.0712, 113.4933



51.6932, 32.0712, 21.9025

Rectangle

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



25.5128, 32.0712, 4.8744



16.5325, 32.0712, 17.9438



36.0595, 32.0712, 113.4933



50.6583, 32.0712, 60.1967

Sweetspot

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



25.5135, 32.0727, 4.8751



53.2679, 60.7412, 36.2620



14.8022, 7.7754, 0.7498



11.5181, 13.2522, 7.2472



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.



25.5135, 32.0727, 4.8751



45.5962, 57.3890, 8.6740



15.4996, 26.9103, 4.4064



7.6055, 8.2146, 7.5648



20.3747, 25.6140, 3.8701



0.4403, 0.5445, 0.0819

Inverse Universe

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



6.5827, 2.6666, 33.8879



11.6881, 4.6945, 60.6766



10.5651, 4.7196, 34.0743



6.7396, 6.8801, 8.8758



5.2516, 2.1138, 27.0610



0.1219, 0.0504, 0.5692

Previews

White Background



This preview shows how the XYZ color 25.5128, 32.0712, 4.8744 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 25.5128, 32.0712, 4.8744 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 25.5128, 32.0712, 4.8744

Background



This preview shows how black text looks on a background with the XYZ color 25.5128, 32.0712, 4.8744.



This preview shows how white text looks on a background with the XYZ color 25.5128, 32.0712,

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

25.5128, 32.0712, 4.8744

Protanopia

28.7892, 31.9954, 4.6584

Deuteranopia

32.5600, 31.7947, 5.3982



Tritanopia

32.2397, 32.0673, 38.2086

Trichromacy



Original Color

25.5128, 32.0712, 4.8744

Protanomaly

27.5740, 32.1133, 4.7452

Deuteranomaly

29.5279, 31.6387, 5.0809

Tritanomaly

28.1043, 31.3596, 17.4037

Monochromacy



Original Color

25.5128, 32.0712, 4.8744

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.8947, 27.8304, 13.5636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5128, 32.0712, 4.8744 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(151, 161, 1)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 1)  
}
```

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(151, 161, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 1) }
```

Border

The CSS property to change the border of an element to XYZ 25.5128, 32.0712, 4.8744 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(151, 161, 1) }
```


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

```
.border{ border-color:rgb(151, 161, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 161, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 161, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 161, 1);  
box-shadow:4px 4px 4px 4px rgb(151, 161,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5128, 32.0712, 4.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 1) }
```

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

```
.background{ background-color: rgb(151,  
161, 1) }
```

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