

Converting Colors

XYZ(25.2391, 27.9480, 8.3392)

Have a look what the booklet for
XYZ(25.2391, 27.9480, 8.3392)
contains.

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Color

**XYZ(25.2391, 27.9480,
8.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	9F913C
RGB	159, 145, 60
RGB Percent	62%, 57%, 24%
CMY	0.3765, 0.4314, 0.7647
CMYK	0.00, 0.09, 0.62, 0.38
HSL	52°, 45%, 43%
HSV	52°, 62%, 62%
XYZ	25.2391, 27.9480, 8.3392
YIQ	139.4960, 35.6290, -23.4670

Conversions

Conversions Part 2

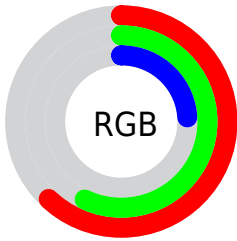
Format	Color
R_{YB}	76, 159, 60
Decimal	10457404
CIE _{Lab}	59.84, -5.53, 45.83
CIE _{LCh}	60, 46.159, 96.877
Yxy	27.9480, 0.4102, 0.4542
Android (android.graphics.Color)	4288647484 (0xFF9F913C)
YUV	139.4960, -39.1915, 17.1050
Hunter-Lab	52.8659, -7.2962, 27.6535

Details

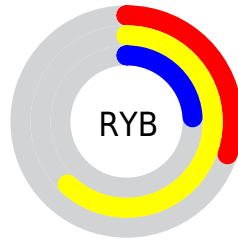
The XYZ color **25.2391, 27.9480, 8.3392** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.5702, 8.3612, 33.8575**, and the grayscale version is **24.8698, 26.1649, 28.4936**.

A 20% lighter version of the original color is **51.6116, 56.5935, 23.2423**, and **9.9398, 11.1964, 1.7521** is the 20% darker color. If you saturate the color by 10%, you get **24.5405, 27.1255, 6.3353**, and if you desaturate by 10%, it is **26.0721, 28.8373, 11.0117**.

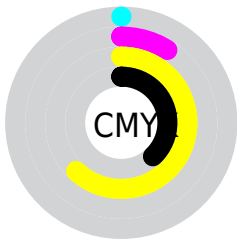
Distribution



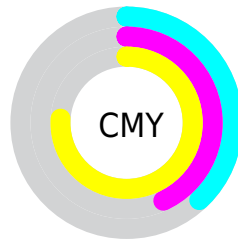
- Red (62%)
- Green (57%)
- Blue (24%)



- Red (30%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (62%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2391, 27.9480, 8.3392 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 25.2391, 27.9480, 8.3392 by changing the saturation by 10% instead.

■ 25.2391, 27.9480,
8.3392

■ 25.2391, 27.9480,
8.3392

271.3523,
292.2184, 188.4017

■ 16.3850, 18.2865,
4.2219

■ 51.4850, 56.4014,
23.1778

■ 9.8895, 11.1558,
1.7478

■ 69.6074, 75.9621,
34.7362

■ 5.3875, 6.1718,
0.3932

■ 91.5499, 99.5912,
49.6120

■ 2.5134, 2.9498,
0.0000

■ 117.6780,
127.6733, 68.2239

■ 0.9020, 1.1056,
0.0000

■ 148.3569,
160.5926, 90.9902

■ 0.0000, 0.0000,
0.0000

■ 183.9520,

198.7337, 118.3296

224.8287,
242.4808, 150.6605

■ 25.2391, 27.9480,
8.3392

■ 25.2391, 27.9480,
8.3392

■ 24.5405, 27.1255,
6.3353

■ 26.0721, 28.8373,
11.0117

■ 23.9627, 26.3609,
4.9366

■ 27.0479, 29.7936,
14.4051

■ 23.4922, 25.6502,
4.0704

■ 28.1763, 30.8219,
18.5686

■ 23.1759, 25.1266,
3.6284

■ 29.4658, 31.9258,
23.5464

■ 30.9243, 33.1084,
29.3796

■ 32.5590, 34.3726,
36.1062

■ 34.3768, 35.7213,
43.7623

■ 36.3841, 37.1570,
52.3816

■ 38.5871, 38.6825,
61.9964

Harmonies

Analogous

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



31.2323, 27.9480, 9.3737



25.2391, 27.9480, 8.3392



20.3672, 27.9480, 11.2461

Triad

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



25.2391, 27.9480, 8.3392



18.5410, 27.9480, 54.1552



38.3142, 27.9480, 44.9217

Complementary

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



25.2391, 27.9480, 8.3392



10.5702, 8.3612, 33.8575

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.



33.9046, 27.9480, 64.1737



25.2391, 27.9480, 8.3392



22.3853, 27.9480, 70.7304

Square

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



25.2391, 27.9480, 8.3392



16.8851, 27.9480, 34.4545



27.9339, 27.9480, 74.9476



39.3745, 27.9480, 26.7329

Rectangle

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



25.2391, 27.9480, 8.3392



18.2103, 27.9480, 15.9993



27.9339, 27.9480, 74.9476



37.1460, 27.9480, 51.6556

Sweetspot

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



25.2398, 27.9493, 8.3398



53.4970, 57.7762, 45.0398



17.1789, 11.1088, 7.8689



11.9079, 12.8994, 9.5495



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.



25.2398, 27.9493, 8.3398



43.4941, 47.9970, 10.1781



21.5767, 29.4337, 8.8193



7.0902, 7.5604, 7.0713



18.3281, 19.8917, 2.8735



0.3476, 0.3955, 0.0580

Inverse Universe

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



10.5702, 8.3612, 33.8575



15.0231, 10.0395, 59.8895



12.5571, 8.1494, 33.7119



6.3567, 6.5791, 8.3415



5.1963, 2.4841, 26.1128



0.1119, 0.0823, 0.4732

Previews

White Background



This preview shows how the XYZ color 25.2391, 27.9480, 8.3392 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 25.2391, 27.9480, 8.3392 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 25.2391, 27.9480, 8.3392

Background



This preview shows how black text looks on a background with the XYZ color 25.2391, 27.9480, 8.3392.



This preview shows how white text looks on a background with the XYZ color 25.2391, 27.9480,

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

25.2391, 27.9480, 8.3392

Protanopia

25.4868, 27.8498, 8.3072

Deuteranopia

28.4056, 27.8228, 8.4306



Tritanopia

30.0070, 27.9304, 31.4133

Trichromacy



Original Color

25.2391, 27.9480, 8.3392

Protanomaly

25.2861, 27.7463, 8.2978

Deuteranomaly

27.2336, 27.8637, 8.3578

Tritanomaly

27.6370, 27.5956, 20.0895

Monochromacy



Original Color

25.2391, 27.9480, 8.3392

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1934, 26.2865, 18.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2391, 27.9480, 8.3392 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(159, 145, 60)` looks like.

```
.text, #text, p{  
    color:rgb(159, 145, 60)  
}
```

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(159, 145, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 60) }
```

Border

The CSS property to change the border of an element to XYZ 25.2391, 27.9480, 8.3392 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(159, 145, 60) }
```


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

```
.border{ border-color:rgb(159, 145, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 145, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 145, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 145, 60);  
box-shadow:4px 4px 4px 4px rgb(159, 145,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2391, 27.9480, 8.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 145, 60) }
```

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

```
.background{ background-color: rgb(159,  
145, 60) }
```

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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