

Converting Colors

XYZ(24.8691, 25.8278, 11.3604)

Have a look what the booklet for
XYZ(24.8691, 25.8278, 11.3604)
contains.

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Color

**XYZ(24.8908, 25.9441,
11.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	A08950
RGB	160, 137, 80
RGB Percent	63%, 54%, 31%
CMY	0.3726, 0.4627, 0.6863
CMYK	0.00, 0.14, 0.50, 0.37
HSL	43°, 33%, 47%
HSV	43°, 50%, 63%
XYZ	24.8908, 25.9441, 11.2852
YIQ	137.3790, 32.0050, -12.8510

Conversions

Conversions Part 2

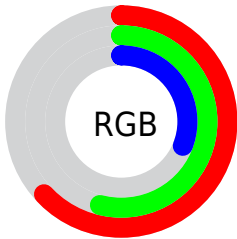
Format	Color
RYB	112, 160, 80
Decimal	10520912
CIELab	57.98, 1.00, 33.61
CIELCh	58, 33.627, 88.303
Yxy	25.9441, 0.4007, 0.4176
Android (android.graphics.Color)	4288710992 (0xFFA08950)
YUV	137.3790, -28.2878, 19.8386
Hunter-Lab	50.9354, -1.9085, 22.5185

Details

The XYZ color **24.8908, 25.9441, 11.2852** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.5034, 13.9434, 35.1844**, and the grayscale version is **24.0173, 25.2681, 27.5169**.

A 20% lighter version of the original color is **50.7616, 53.0375, 28.6809**, and **9.6266, 9.9904, 2.8598** is the 20% darker color. If you saturate the color by 10%, you get **23.7289, 24.4564, 8.3206**, and if you desaturate by 10%, it is **26.2226, 27.5463, 15.0016**.

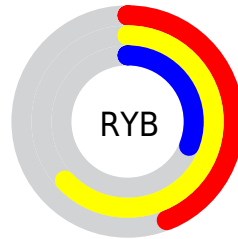
Distribution



Red (63%)

Green (54%)

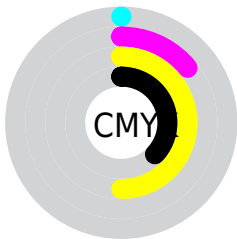
Blue (31%)



Red (44%)

Yellow (63%)

Blue (31%)

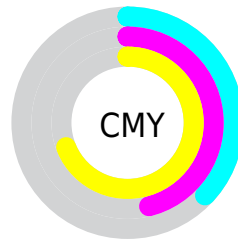


Cyan (0%)

Magenta (14%)

Yellow (50%)

Black (37%)



Cyan (37%)

Magenta (46%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8908, 25.9441, 11.2852 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 24.8908, 25.9441, 11.2852 by changing the saturation by 10% instead.

■ 24.8908, 25.9441,
11.2852

■ 24.8908, 25.9441,
11.2852

269.6514,
282.5076, 210.4211

■ 16.1240, 16.7818,
6.1424

■ 50.9242, 53.1848,
28.8310

■ 9.7034, 10.0791,
2.8617

■ 68.9215, 72.0319,
42.0712

■ 5.2635, 5.4514,
1.0245

■ 90.7264, 94.8762,
58.8475

■ 2.4390, 2.5145,
0.0000

■ 116.7041,
122.1019, 79.5786

■ 0.8646, 0.8839,
0.0000

■ 147.2201,
154.0935, 104.6829

■ 0.0000, 0.0000,
0.0000

182.6398,

191.2354, 134.5791

223.3284,
233.9120, 169.6856

■ 24.8908, 25.9441,
11.2852

■ 24.8908, 25.9441,
11.2852

■ 23.7289, 24.4564,
8.3206

■ 26.2226, 27.5463,
15.0016

■ 22.7246, 23.0748,
6.0526

■ 27.7320, 29.2637,
19.5165

■ 21.8665, 21.7952,
4.4210

■ 29.4282, 31.1016,
24.8747

■ 21.1409, 20.6115,
3.3544

■ 31.3194, 33.0636,
31.1173

■ 20.5154, 19.5101,
2.6846

■ 33.4132, 35.1533,
38.2825

■ 20.5154, 19.5100,
2.6845

■ 35.7167, 37.3741,
46.4064

■ 38.2366, 39.7291,
55.5230

■ 40.9794, 42.2216,
65.6650

■ 43.9512, 44.8543,
76.8630

Harmonies

Analogous

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



28.9891, 25.9441, 13.1851



24.8908, 25.9441, 11.2852



21.1423, 25.9441, 12.7910

Triad

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



24.8908, 25.9441, 11.2852



18.4088, 25.9441, 40.2204



31.9096, 25.9441, 41.6881

Complementary

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



24.8908, 25.9441, 11.2852



14.5034, 13.9434, 35.1844

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.



28.5457, 25.9441, 52.8374



24.8908, 25.9441, 11.2852



20.7833, 25.9441, 51.8395

Square

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



24.8908, 25.9441, 11.2852



17.6547, 25.9441, 27.5923



24.4288, 25.9441, 56.9808



33.3071, 25.9441, 28.9154

Rectangle

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



24.8908, 25.9441, 11.2852



19.2810, 25.9441, 15.8415



24.4288, 25.9441, 56.9808



30.9544, 25.9441, 45.8678

Sweetspot

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



24.8914, 25.9453, 11.2857



55.0059, 58.1212, 50.2995



19.8646, 14.2106, 14.7929



11.9170, 12.5940, 10.5502



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.



24.8914, 25.9453, 11.2857



42.8596, 44.1057, 14.5681



25.5203, 31.6500, 12.3537



7.0090, 7.3979, 7.0442



16.0202, 15.2760, 2.1042



0.3205, 0.3412, 0.0490

Inverse Universe

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



14.5034, 13.9434, 35.1844



21.8258, 19.8383, 63.0654



14.0379, 10.7624, 34.5950



6.4323, 6.7304, 8.3668



5.7374, 3.5663, 26.2932



0.1361, 0.1308, 0.4813

Previews

White Background



This preview shows how the XYZ color 24.8908, 25.9441, 11.2852 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 24.8908, 25.9441, 11.2852 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 24.8908, 25.9441, 11.2852

Background



This preview shows how black text looks on a background with the XYZ color 24.8908, 25.9441, 11.2852.



This preview shows how white text looks on a background with the XYZ color 24.8908, 25.9441,

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

24.8908, 25.9441, 11.2852

Protanopia

24.0002, 26.1226, 11.5618

Deuteranopia

26.4503, 25.9152, 11.3926



Tritanopia

28.4421, 25.9657, 28.3238

Trichromacy



Original Color

24.8908, 25.9441, 11.2852

Protanomaly

24.4281, 26.1272, 11.5401

Deuteranomaly

25.7362, 25.7513, 11.3986

Tritanomaly

26.9674, 25.9756, 20.7320

Monochromacy



Original Color

24.8908, 25.9441, 11.2852

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7751, 25.1720, 20.1286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8908, 25.9441, 11.2852 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(160, 137, 80)` looks like.

```
.text, #text, p{  
    color:rgb(160, 137, 80)  
}
```

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(160, 137, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 137, 80) }
```

Border

The CSS property to change the border of an element to XYZ 24.8908, 25.9441, 11.2852 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(160, 137, 80) }
```


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

```
.border{ border-color:rgb(160, 137, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 137, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 137, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 137, 80);  
box-shadow:4px 4px 4px 4px rgb(160, 137,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8908, 25.9441, 11.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 137, 80) }
```

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

```
.background{ background-color: rgb(160,  
137, 80) }
```

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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