

Converting Colors

XYZ(25.0476, 25.7573, 7.3054)

Have a look what the booklet for
XYZ(25.0476, 25.7573, 7.3054)
contains.

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Color

**XYZ(25.0794, 25.7108,
7.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	A68737
RGB	166, 135, 55
RGB Percent	65%, 53%, 22%
CMY	0.3490, 0.4706, 0.7843
CMYK	0.00, 0.19, 0.67, 0.35
HSL	43°, 50%, 43%
HSV	43°, 67%, 65%
XYZ	25.0794, 25.7108, 7.2553
YIQ	135.1490, 44.1560, -18.3080

Conversions

Conversions Part 2

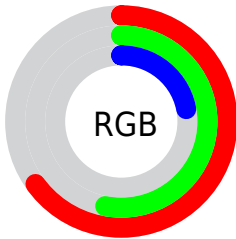
Format	Color
R_{YB}	98, 166, 55
Decimal	10913591
CIE _{Lab}	57.76, 2.76, 46.09
CIE _{LCh}	58, 46.175, 86.573
Yxy	25.7108, 0.4321, 0.4429
Android (android.graphics.Color)	4289103671 (0xFFA68737)
YUV	135.1490, -39.5135, 27.0563
Hunter-Lab	50.7058, -0.4480, 27.0105

Details

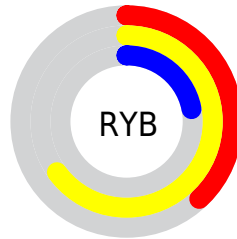
The XYZ color **25.0794, 25.7108, 7.2553** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.7861, 10.2205, 37.4275**, and the grayscale version is **23.2158, 24.4248, 26.5986**.

A 20% lighter version of the original color is **51.3252, 52.8543, 21.1324**, and **9.8833, 10.0351, 1.4161** is the 20% darker color. If you saturate the color by 10%, you get **24.1140, 24.3132, 5.2899**, and if you desaturate by 10%, it is **26.2081, 27.2208, 9.9359**.

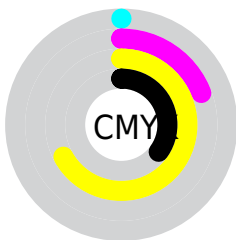
Distribution



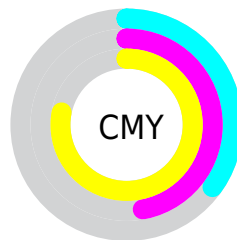
- Red (65%)
- Green (53%)
- Blue (22%)



- Red (38%)
- Yellow (65%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (67%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0794, 25.7108, 7.2553 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 25.0794, 25.7108, 7.2553 by changing the saturation by 10% instead.

■ 25.0794, 25.7108,
7.2553

■ 25.0794, 25.7108,
7.2553

270.5735,
281.3595, 179.4791

■ 16.2653, 16.6074,
3.5414

■ 51.2280, 52.8080,
21.0065

■ 9.8041, 9.9550,
1.3773

■ 69.2931, 71.5707,
31.8810

■ 5.3305, 5.3691,
0.1239

■ 91.1726, 94.3218,
45.9794

■ 2.4792, 2.4654,
0.0000

■ 117.2319,
121.4459, 63.7202

■ 0.8848, 0.8592,
0.0000

■ 147.8363,
153.3273, 85.5221

■ 0.0000, 0.0000,
0.0000

■ 183.3511,

190.3505, 111.8035

224.1417,
232.8997, 142.9830

■ 25.0794, 25.7108,
7.2553

■ 25.0794, 25.7108,
7.2553

■ 24.1140, 24.3132,
5.2899

■ 26.2081, 27.2208,
9.9359

■ 23.2955, 23.0179,
3.9642

■ 27.5106, 28.8449,
13.3942

■ 22.6036, 21.8171,
3.1692

■ 28.9987, 30.5894,
17.6873

■ 22.3997, 21.4549,
2.9606

■ 30.6824, 32.4589,
22.8668

■ 32.5711, 34.4576,
28.9798

■ 34.6734, 36.5894,
36.0704

■ 36.9973, 38.8582,
44.1795

■ 39.5506, 41.2675,
53.3459

■ 42.3404, 43.8206,
63.6064

Harmonies

Analogous

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



30.7845, 25.7108, 9.4783



25.0794, 25.7108, 7.2553



19.9772, 25.7108, 8.6201

Triad

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



25.0794, 25.7108, 7.2553



16.0981, 25.7108, 43.9707



34.4440, 25.7108, 48.3765

Complementary

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



25.0794, 25.7108, 7.2553



11.7861, 10.2205, 37.4275

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.



29.5164, 25.7108, 65.0812



25.0794, 25.7108, 7.2553



19.0287, 25.7108, 61.9343

Square

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



25.0794, 25.7108, 7.2553



15.2754, 25.7108, 26.2110



23.8063, 25.7108, 70.7979



36.6809, 25.7108, 29.8575

Rectangle

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



25.0794, 25.7108, 7.2553



17.4917, 25.7108, 11.8294



23.8063, 25.7108, 70.7979



33.0142, 25.7108, 54.6239

Sweetspot

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



25.0800, 25.7120, 7.2558



57.8691, 61.2391, 48.5087



18.7900, 11.5187, 10.1328



12.7423, 13.4844, 10.1826



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.0800, 25.7120, 7.2558



43.0472, 43.0178, 8.3537



25.4724, 33.2943, 8.6987



7.9672, 8.4144, 7.9935



17.4108, 16.7189, 2.3094



0.4634, 0.4863, 0.0694

Inverse Universe

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



11.7861, 10.2205, 37.4275



17.3101, 13.1324, 67.0977



11.4779, 7.1502, 36.8512



7.2960, 7.6289, 9.5063



6.1407, 3.7416, 28.3740



0.1917, 0.1756, 0.7044

Previews

White Background



This preview shows how the XYZ color 25.0794, 25.7108, 7.2553 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 25.0794, 25.7108, 7.2553 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 25.0794, 25.7108, 7.2553

Background



This preview shows how black text looks on a background with the XYZ color 25.0794, 25.7108, 7.2553.



This preview shows how white text looks on a background with the XYZ color 25.0794, 25.7108,

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

25.0794, 25.7108, 7.2553

Protanopia

23.4640, 25.7193, 7.4690

Deuteranopia

26.1987, 25.6723, 7.3158



Tritanopia

29.0466, 25.7270, 26.7274

Trichromacy



Original Color

25.0794, 25.7108, 7.2553

Protanomaly

24.1004, 25.8334, 7.4575

Deuteranomaly

25.6789, 25.6066, 7.3305

Tritanomaly

27.2140, 25.5728, 17.4116

Monochromacy



Original Color

25.0794, 25.7108, 7.2553

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1196, 24.4795, 17.1422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0794, 25.7108, 7.2553 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(166, 135, 55)` looks like.

```
.text, #text, p{  
    color:rgb(166, 135, 55)  
}
```

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(166, 135, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 135, 55) }
```

Border

The CSS property to change the border of an element to XYZ 25.0794, 25.7108, 7.2553 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(166, 135, 55) }
```


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

```
.border{ border-color:rgb(166, 135, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 135, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 135, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 135, 55);  
box-shadow:4px 4px 4px 4px rgb(166, 135,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0794, 25.7108, 7.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 135, 55) }
```

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

```
.background{ background-color: rgb(166,  
135, 55) }
```

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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