

Converting Colors

XYZ(25.1561, 24.7092, 10.9693)

Have a look what the booklet for
XYZ(25.1561, 24.7092, 10.9693)
contains.

XYZ(25.1565, 24.6514, 11.0217)	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(25.1565, 24.6514,
11.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	A68250
RGB	166, 130, 80
RGB Percent	65%, 51%, 31%
CMY	0.3490, 0.4902, 0.6863
CMYK	0.00, 0.22, 0.52, 0.35
HSL	35°, 35%, 48%
HSV	35°, 52%, 65%
XYZ	25.1565, 24.6514, 11.0217
YIQ	135.0640, 37.5060, -7.9180

Conversions

Conversions Part 2

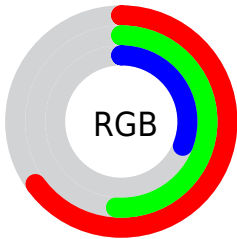
Format	Color
RYB	142, 166, 80
Decimal	10912336
CIELab	56.73, 7.52, 32.19
CIELCh	57, 33.060, 76.858
Yxy	24.6514, 0.4136, 0.4053
Android (android.graphics.Color)	4289102416 (0xFFA68250)
YUV	135.0640, -27.1466, 27.1309
Hunter-Lab	49.6502, 3.5537, 21.5935

Details

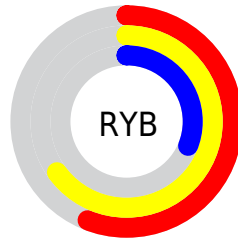
The XYZ color **25.1565, 24.6514, 11.0217** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.4364, 16.9488, 38.4816**, and the grayscale version is **23.1412, 24.3464, 26.5132**.

A 20% lighter version of the original color is **51.3942, 51.1667, 28.2865**, and **9.8990, 9.4394, 2.7391** is the 20% darker color. If you saturate the color by 10%, you get **23.7243, 22.6502, 7.8832**, and if you desaturate by 10%, it is **26.8039, 26.8404, 14.9801**.

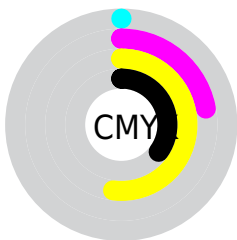
Distribution



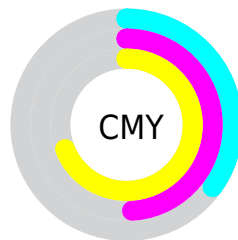
- Red (65%)
- Green (51%)
- Blue (31%)



- Red (56%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1565, 24.6514, 11.0217 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 25.1565, 24.6514, 11.0217 by changing the saturation by 10% instead.

■ 25.1565, 24.6514,
11.0217

■ 25.1565, 24.6514,
11.0217

270.9497,
276.0974, 208.5591

■ 16.3230, 15.8175,
5.9671

■ 51.3521, 51.0911,
28.3376

■ 9.8453, 9.3951,
2.7566

■ 69.4449, 69.4658,
41.4359

■ 5.3580, 4.9998,
0.9717

■ 91.3549, 91.7895,
58.0525

■ 2.4957, 2.2471,
0.0000

■ 117.4474,
118.4466, 78.6060

■ 0.8931, 0.7455,
0.0000

■ 148.0878,
149.8216, 103.5148

■ 0.0000, 0.0000,
0.0000

183.6414,

186.2988, 133.1976

224.4736,
228.2626, 168.0729

■ 25.1565, 24.6514,
11.0217

■ 25.1565, 24.6514,
11.0217

■ 23.7243, 22.6502,
7.8832

■ 26.8039, 26.8404,
14.9801

■ 22.4928, 20.8263,
5.5027

■ 28.6761, 29.2202,
19.8110

■ 21.4485, 19.1732,
3.8122

■ 30.7841, 31.7979,
25.5644

■ 20.5747, 17.6820,
2.7300

■ 33.1377, 34.5793,
32.2860

■ 19.9562, 16.5677,
2.1461

■ 35.7460, 37.5697,
40.0187

■ 38.6177, 40.7744,
48.8023

■ 41.7609, 44.1982,
58.6749

■ 45.1834, 47.8460,
69.6725

■ 48.8927, 51.7223,
81.8294

Harmonies

Analogous

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



28.8734, 24.6514, 14.1402



25.1565, 24.6514, 11.0217



21.3459, 24.6514, 11.2197

Triad

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



25.1565, 24.6514, 11.0217



17.0284, 24.6514, 33.4800



29.2657, 24.6514, 44.1317

Complementary

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



25.1565, 24.6514, 11.0217



16.4364, 16.9488, 38.4816

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.



25.6464, 24.6514, 52.7144



25.1565, 24.6514, 11.0217



18.7185, 24.6514, 45.5013

Square

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



25.1565, 24.6514, 11.0217



16.9281, 24.6514, 22.2980



21.7852, 24.6514, 53.2750



31.4153, 24.6514, 31.9630

Rectangle

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



25.1565, 24.6514, 11.0217



19.2596, 24.6514, 13.1867



21.7852, 24.6514, 53.2750



28.1637, 24.6514, 47.6615

Sweetspot

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



25.1571, 24.6526, 11.0222



58.1673, 60.4448, 52.8952



21.8213, 15.1352, 18.6835



12.8293, 13.3045, 11.3027



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.



25.1571, 24.6526, 11.0222



42.7359, 40.6440, 13.6483



29.6348, 35.3528, 12.8515



7.8798, 8.2396, 7.9644



15.5220, 12.9413, 1.6798



0.4265, 0.4125, 0.0572

Inverse Universe

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



16.4364, 16.9488, 38.4816



25.1801, 25.1605, 69.0046



13.5651, 10.4566, 37.3798



7.3802, 7.7973, 9.5344



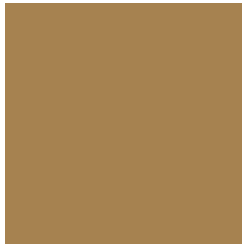
7.0549, 5.5699, 28.6788



0.2225, 0.2373, 0.7147

Previews

White Background



This preview shows how the XYZ color 25.1565, 24.6514, 11.0217 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 25.1565, 24.6514, 11.0217 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 25.1565, 24.6514, 11.0217

Background



This preview shows how black text looks on a background with the XYZ color 25.1565, 24.6514, 11.0217.



This preview shows how white text looks on a background with the XYZ color 25.1565, 24.6514,

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

25.1565, 24.6514, 11.0217

Protanopia

22.7216, 24.6071, 11.5347

Deuteranopia

25.1565, 24.6514, 11.0217



Tritanopia

28.2359, 24.7667, 25.4826

Trichromacy



Original Color

25.1565, 24.6514, 11.0217

Protanomaly

23.5279, 24.6128, 11.2953

Deuteranomaly

25.1565, 24.6514, 11.0217

Tritanomaly

26.8603, 24.5716, 19.2467

Monochromacy



Original Color

25.1565, 24.6514, 11.0217

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3361, 24.1239, 19.6461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1565, 24.6514, 11.0217 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, 130, 80)` looks like.

```
.text, #text, p{  
    color:rgb(166, 130, 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(166, 130, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 130, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.1565, 24.6514, 11.0217 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, 130, 80) }
```


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

```
.border{ border-color:rgb(166, 130, 80) }
```

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

Here you see how a box with a 4 pixel rgb(166, 130, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 130, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 130, 80);  
box-shadow:4px 4px 4px 4px rgb(166, 130,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1565, 24.6514, 11.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 130, 80) }
```

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

```
.background{ background-color: rgb(166,  
130, 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](#).

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