

Converting Colors

XYZ(25.3237, 35.0282, 22.2058)

Have a look what the booklet for
XYZ(25.3237, 35.0282, 22.2058)
contains.

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Color

**XYZ(25.4172, 35.2013,
22.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	73AE75
RGB	115, 174, 117
RGB Percent	45%, 68%, 46%
CMY	0.5490, 0.3176, 0.5412
CMYK	0.34, 0.00, 0.33, 0.32
HSL	122°, 27%, 57%
HSV	122°, 34%, 68%
XYZ	25.4172, 35.2013, 22.2845
YIQ	149.8610, -16.8670, -30.2350

Conversions

Conversions Part 2

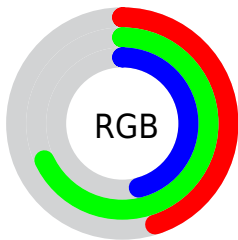
Format	Color
RYB	115, 172, 174
Decimal	7581301
CIELab	65.91, -30.91, 23.35
CIELCh	66, 38.738, 142.927
Yxy	35.2013, 0.3066, 0.4246
Android (android.graphics.Color)	4285771381 (0xFF73AE75)
YUV	149.8610, -16.2005, -30.5731
Hunter-Lab	59.3307, -27.3595, 19.2623

Details

The XYZ color **25.4172, 35.2013, 22.2845** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.0339, 24.2395, 42.0743**, and the grayscale version is **29.0029, 30.5133, 33.2290**.

A 20% lighter version of the original color is **51.8204, 67.8932, 47.9096**, and **9.9951, 15.1821, 7.8725** is the 20% darker color. If you saturate the color by 10%, you get **22.4403, 33.7718, 17.4411**, and if you desaturate by 10%, it is **29.0054, 36.9274, 28.0846**.

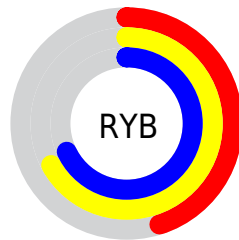
Distribution



Red (45%)

Green (68%)

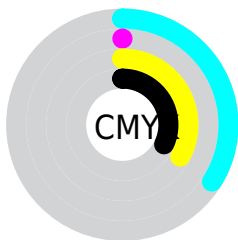
Blue (46%)



Red (45%)

Yellow (67%)

Blue (68%)

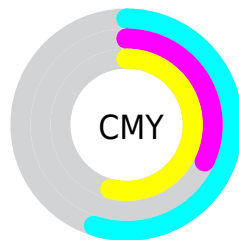


Cyan (34%)

Magenta (0%)

Yellow (33%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4172, 35.2013, 22.2845 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 25.4172, 35.2013, 22.2845 by changing the saturation by 10% instead.

■ 25.4172, 35.2013,
22.2845

■ 25.4172, 35.2013,
22.2845

272.2188,
325.4560, 277.0302

■ 16.5185, 23.8180,
13.8658

■ 51.7713, 67.7975,
48.1240

■ 9.9850, 15.1987,
7.8897

■ 69.9574, 89.7792,
66.3818

■ 5.4512, 8.9589,
3.9377

■ 91.9701, 116.0624,
88.7564

■ 2.5518, 4.7144,
1.5912

118.1746,
147.0316, 115.6664

■ 0.9215, 2.0807,
0.2845

148.9364,
183.0712, 147.5302

■ 0.0000, 0.6537,
0.0000

184.6208,

■ 0.0000, 0.0000,

224.5655, 184.7664

0.0000

225.5931,
271.8990, 227.7936

■ 25.4172, 35.2013,
22.2845

■ 25.4172, 35.2013,
22.2845

■ 22.4403, 33.7718,
17.4411

■ 29.0054, 36.9274,
28.0846

■ 20.0380, 32.6181,
13.5007

■ 33.2333, 38.9608,
34.8863

■ 18.1742, 31.7238,
10.4083


■ 38.1310, 41.3171,
42.7346


■ 16.8072, 31.0687,
8.1016


■ 43.7258, 44.0093,
51.6712


■ 15.8894, 30.6299,
6.5099


■ 50.0436, 47.0500,
61.7354

 15.3641, 30.3797,
5.5498

 57.1087, 50.4510,
72.9645

 15.1691, 30.2864,
5.2158

 64.9446, 54.2236,
85.3941

 73.5736, 58.3785,
99.0584

 74.4267, 58.7535,
102.0256

Harmonies

Analogous

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



29.3481, 35.2013, 15.9991



25.4172, 35.2013, 22.2845



23.6749, 35.2013, 34.5739

Triad

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



25.4172, 35.2013, 22.2845



32.1198, 35.2013, 78.9253



44.6611, 35.2013, 27.3070

Complementary

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



25.4172, 35.2013, 22.2845



31.0339, 24.2395, 42.0743

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.



45.6210, 35.2013, 42.3450



25.4172, 35.2013, 22.2845



37.9342, 35.2013, 75.3366

Square

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



25.4172, 35.2013, 22.2845



27.2478, 35.2013, 69.4049



43.0370, 35.2013, 60.6609



40.5461, 35.2013, 18.2680

Rectangle

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



25.4172, 35.2013, 22.2845



23.8303, 35.2013, 45.8263



43.0370, 35.2013, 60.6609



45.3813, 35.2013, 31.6962

Sweetspot

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



25.4181, 35.2028, 22.2853



63.4496, 72.1932, 68.3636



35.2527, 40.2861, 22.1380



13.8378, 15.9184, 14.7703



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4181, 35.2028, 22.2853



41.7904, 61.7787, 33.4096



27.4320, 36.0083, 32.8903



7.9151, 8.9436, 8.5779



11.0062, 21.9678, 3.8066



0.3097, 0.6125, 0.1243

Inverse Universe

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



31.0339, 24.2395, 42.0743



53.6009, 38.7162, 75.0233



28.5100, 23.2299, 28.7837



8.3252, 8.1433, 10.0232



17.7984, 8.5819, 27.6477



0.4987, 0.2402, 0.7878

Previews

White Background



This preview shows how the XYZ color 25.4172, 35.2013, 22.2845 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 25.4172, 35.2013, 22.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

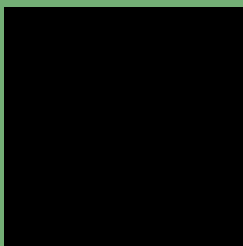
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4172, 35.2013, 22.2845

Background



This preview shows how black text looks on a background with the XYZ color 25.4172, 35.2013, 22.2845.



This preview shows how white text looks on a background with the XYZ color 25.4172, 35.2013,

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

25.4172, 35.2013, 22.2845

Protanopia

32.2806, 34.7146, 20.0381

Deuteranopia

35.3976, 34.7524, 23.2546



Tritanopia

30.5253, 35.0391, 47.8022

Trichromacy



Original Color

25.4172, 35.2013, 22.2845

Protanomaly

29.0186, 34.3225, 20.7182

Deuteranomaly

30.8330, 34.4229, 22.7885

Tritanomaly

28.3571, 34.9872, 36.7111

Monochromacy



Original Color

25.4172, 35.2013, 22.2845

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.3021, 31.9496, 28.7727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4172, 35.2013, 22.2845 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(115, 174, 117)` looks like.

```
.text, #text, p{  
    color:rgb(115, 174, 117)  
}
```

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(115, 174, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 174, 117) }
```

Border

The CSS property to change the border of an element to XYZ 25.4172, 35.2013, 22.2845 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(115, 174, 117) }
```


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

```
.border{ border-color:rgb(115, 174, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 174, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 174, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 174, 117);  
box-shadow:4px 4px 4px 4px rgb(115, 174,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4172, 35.2013, 22.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 174, 117) }
```

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

```
.background{ background-color: rgb(115,  
174, 117) }
```

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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