

Converting Colors

XYZ(25.1279, 36.1460, 20.8150)

Have a look what the booklet for
XYZ(25.1279, 36.1460, 20.8150)
contains.

XYZ(25.2200, 36.3035, 20.7170)	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(25.2200, 36.3035,
20.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB26F
RGB	110, 178, 111
RGB Percent	43%, 70%, 44%
CMY	0.5686, 0.3019, 0.5647
CMYK	0.38, 0.00, 0.38, 0.30
HSL	121°, 31%, 56%
HSV	121°, 38%, 70%
XYZ	25.2200, 36.3035, 20.7170
YIQ	150.0300, -19.0210, -35.2530

Conversions

Conversions Part 2

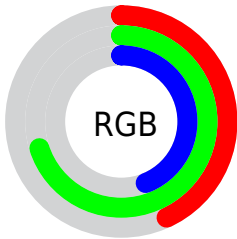
Format	Color
RYB	110, 177, 178
Decimal	7254639
CIELab	66.75, -35.39, 27.64
CIELCh	67, 44.906, 142.007
Yxy	36.3035, 0.3067, 0.4414
Android (android.graphics.Color)	4285444719 (0xFF6EB26F)
YUV	150.0300, -19.2418, -35.1063
Hunter-Lab	60.2524, -30.7265, 21.7906

Details

The XYZ color **25.2200, 36.3035, 20.7170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.8729, 23.7917, 44.5083**, and the grayscale version is **29.0878, 30.6026, 33.3262**.

A 20% lighter version of the original color is **51.3435, 69.3825, 45.3364**, and **9.8905, 15.8849, 7.1022** is the 20% darker color. If you saturate the color by 10%, you get **22.3512, 34.9265, 16.0274**, and if you desaturate by 10%, it is **28.7252, 37.9888, 26.4276**.

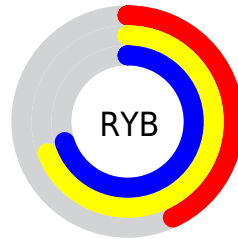
Distribution



Red (43%)

Green (70%)

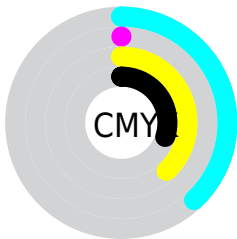
Blue (44%)



Red (43%)

Yellow (69%)

Blue (70%)

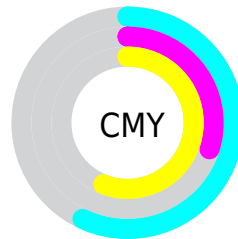


Cyan (38%)

Magenta (0%)

Yellow (38%)

Black (30%)



Cyan (57%)

Magenta (30%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2200, 36.3035, 20.7170 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 25.2200, 36.3035, 20.7170 by changing the saturation by 10% instead.

■ 25.2200, 36.3035,
20.7170

■ 25.2200, 36.3035,
20.7170

271.2593,
330.2851, 268.5021

■ 16.3706, 24.6687,
12.7281

■ 51.4542, 69.5003,
45.4907

■ 9.8793, 15.8304,
7.1130

■ 69.5698, 91.8310,
63.1126

■ 5.3807, 9.4042,
3.4534

■ 91.5048, 118.4958,
84.7825

■ 2.5093, 5.0058,
1.3305

■ 117.6247,
149.8791, 110.9191

■ 0.9000, 2.2506,
0.0866

148.2947,
186.3653, 141.9408

■ 0.0000, 0.7474,
0.0000

183.8802,

■ 0.0000, 0.0000,

228.3388, 178.2662

0.0000

224.7466,
276.1839, 220.3138

■ 25.2200, 36.3035,
20.7170

■ 25.2200, 36.3035,
20.7170

■ 22.3512, 34.9265,
16.0274

■ 28.7252, 37.9888,
26.4276

■ 20.0780, 33.8348,
12.2965

■ 32.8988, 39.9945,
33.2118

■ 18.3593, 33.0098,
9.4588


■ 37.7739, 42.3377,
41.1217


■ 17.1479, 32.4287,
7.4397


■ 43.3809, 45.0330,
50.2051


■ 16.3882, 32.0648,
6.1525


■ 49.7480, 48.0939,
60.5070


 15.9928, 31.8756,
5.4755

 56.9022, 51.5335,
72.0702

 15.9355, 31.8480,
5.3827

 64.8692, 55.3641,
84.9353

 73.6732, 59.5975,
99.1412

 75.2111, 60.3223,
102.2870

Harmonies

Analogous

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



29.8486, 36.3035, 14.0397



25.2200, 36.3035, 20.7170



23.1417, 36.3035, 34.5624

Triad

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



25.2200, 36.3035, 20.7170



32.7248, 36.3035, 89.2070



48.0535, 36.3035, 27.1268

Complementary

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



25.2200, 36.3035, 20.7170



31.8729, 23.7917, 44.5083

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.



49.0871, 36.3035, 44.9486



25.2200, 36.3035, 20.7170



39.6230, 36.3035, 85.2129

Square

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



25.2200, 36.3035, 20.7170



27.0888, 36.3035, 76.8424



45.8289, 36.3035, 67.2423



43.1654, 36.3035, 16.8067

Rectangle

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



25.2200, 36.3035, 20.7170



23.2634, 36.3035, 47.8126



45.8289, 36.3035, 67.2423



48.8869, 36.3035, 32.2609

Sweetspot

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



25.2209, 36.3050, 20.7178



65.7205, 75.4385, 70.0650



37.0966, 42.4335, 20.9872



14.2935, 16.5852, 15.0901



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.2209, 36.3050, 20.7178



41.1960, 63.6537, 30.1527



27.3858, 37.1710, 32.1177



8.3939, 9.4921, 9.0679



11.4036, 22.7874, 3.8621



0.3605, 0.7177, 0.1303

Inverse Universe

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



31.8729, 23.7917, 44.5083



55.0176, 37.6493, 79.5822



28.9711, 22.6310, 29.2276



8.8445, 8.6445, 10.6797



18.7022, 8.9984, 29.9212



0.5902, 0.2838, 0.9504

Previews

White Background



This preview shows how the XYZ color 25.2200, 36.3035, 20.7170 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 25.2200, 36.3035, 20.7170 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 25.2200, 36.3035, 20.7170

Background



This preview shows how black text looks on a background with the XYZ color 25.2200, 36.3035, 20.7170.



This preview shows how white text looks on a background with the XYZ color 25.2200, 36.3035,

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

25.2200, 36.3035, 20.7170

Protanopia

33.3235, 36.0702, 18.3026

Deuteranopia

36.6120, 35.9101, 21.5247



Tritanopia

31.0474, 36.0799, 50.1275

Trichromacy



Original Color

25.2200, 36.3035, 20.7170

Protanomaly

29.6054, 35.7422, 19.2485

Deuteranomaly

31.0347, 35.0907, 21.0571

Tritanomaly

28.4461, 35.8613, 37.3209

Monochromacy



Original Color

25.2200, 36.3035, 20.7170

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.0064, 32.0701, 28.0593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2200, 36.3035, 20.7170 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(110, 178, 111)` looks like.

```
.text, #text, p{  
    color:rgb(110, 178, 111)  
}
```

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(110, 178, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 178, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.2200, 36.3035, 20.7170 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(110, 178, 111) }
```


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

```
.border{ border-color:rgb(110, 178, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 178, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 178, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 178, 111);  
box-shadow:4px 4px 4px 4px rgb(110, 178,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2200, 36.3035, 20.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 178, 111) }
```

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

```
.background{ background-color: rgb(110,  
178, 111) }
```

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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