

Converting Colors

XYZ(25.5919, 35.1262, 23.7393)

Have a look what the booklet for
XYZ(25.5919, 35.1262, 23.7393)
contains.

XYZ(25.7191, 35.3221, 23.8747)	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(25.7191, 35.3221,
23.8747)**

Conversions

Conversions Part 1

Format	Color
Hex	73AE7A
RGB	115, 174, 122
RGB Percent	45%, 68%, 48%
CMY	0.5490, 0.3176, 0.5216
CMYK	0.34, 0.00, 0.30, 0.32
HSL	127°, 27%, 57%
HSV	127°, 34%, 68%
XYZ	25.7191, 35.3221, 23.8747
YIQ	150.4310, -18.4720, -28.6800

Conversions

Conversions Part 2

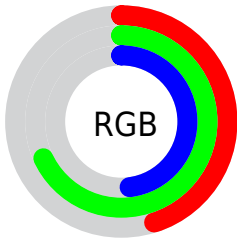
Format	Color
RYB	115, 168, 174
Decimal	7581306
CIELab	66.00, -30.04, 20.77
CIELCh	66, 36.524, 145.334
Yxy	35.3221, 0.3029, 0.4160
Android (android.graphics.Color)	4285771386 (0xFF73AE7A)
YUV	150.4310, -14.0165, -31.0730
Hunter-Lab	59.4324, -26.7616, 17.7852

Details

The XYZ color **25.7191, 35.3221, 23.8747** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.5624, 24.0508, 39.5918**, and the grayscale version is **29.2367, 30.7593, 33.4969**.

A 20% lighter version of the original color is **52.3969, 68.1238, 50.9450**, and **10.1543, 15.2458, 8.7109** is the 20% darker color. If you saturate the color by 10%, you get **22.7670, 33.9025, 19.1619**, and if you desaturate by 10%, it is **29.2549, 37.0273, 29.3991**.

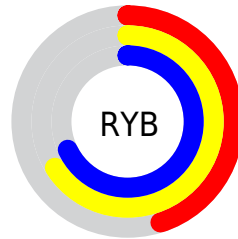
Distribution



Red (45%)

Green (68%)

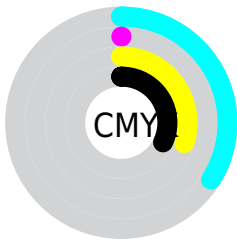
Blue (48%)



Red (45%)

Yellow (66%)

Blue (68%)

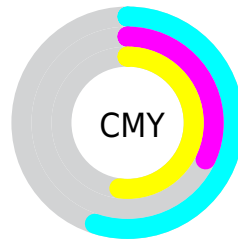


Cyan (34%)

Magenta (0%)

Yellow (30%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7191, 35.3221, 23.8747 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 25.7191, 35.3221, 23.8747 by changing the saturation by 10% instead.

■ 25.7191, 35.3221,
23.8747

■ 25.7191, 35.3221,
23.8747

273.6825,
325.9878, 285.4525

■ 16.7452, 23.9111,
15.0294

■ 52.2560, 67.9845,
50.7669

■ 10.1472, 15.2677,
8.6931

■ 70.5497, 90.0046,
69.6509

■ 5.5597, 9.0075,
4.4475

■ 92.6806, 116.3299,
92.7181

■ 2.6173, 4.7461,
1.8739

119.0143,
147.3448, 120.3872

■ 0.9548, 2.0990,
0.4761

149.9159,
183.4336, 153.0766

■ 0.0000, 0.6641,
0.0000

185.7509,

■ 0.0000, 0.0000,

224.9808, 191.2050

0.0000

226.8847,
272.3707, 235.1907

■ 25.7191, 35.3221,
23.8747

■ 25.7191, 35.3221,
23.8747

■ 22.7670, 33.9025,
19.1619

■ 29.2549, 37.0273,
29.3991

■ 20.3645, 32.7488,
15.2203

■ 33.4007, 39.0278,
35.7683

■ 18.4782, 31.8454,
12.0094


■ 38.1844, 41.3385,
43.0166


■ 17.0697, 31.1738,
9.4844


■ 43.6316, 43.9716,
51.1756


■ 16.0955, 30.7123,
7.5952


■ 49.7662, 46.9391,
60.2754

 15.5037, 30.4356,
6.2850

 56.6111, 50.2520,
70.3447

 15.2689, 30.3264,
5.7413

 64.1881, 53.9210,
81.4108

 72.5180, 57.9562,
93.5003

 74.4268, 58.7535,
102.0256

Harmonies

Analogous

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



29.3130, 35.3221, 17.3197



25.7191, 35.3221, 23.8747



24.2308, 35.3221, 36.0857

Triad

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



25.7191, 35.3221, 23.8747



32.7331, 35.3221, 76.4754



43.8857, 35.3221, 27.0630

Complementary

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



25.7191, 35.3221, 23.8747



30.5624, 24.0508, 39.5918

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.



45.0513, 35.3221, 40.9357



25.7191, 35.3221, 23.8747



38.2260, 35.3221, 72.1814

Square

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



25.7191, 35.3221, 23.8747



27.9938, 35.3221, 68.5548



42.8813, 35.3221, 58.0275



39.8474, 35.3221, 18.7837

Rectangle

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



25.7191, 35.3221, 23.8747



24.5022, 35.3221, 46.8933



42.8813, 35.3221, 58.0275



44.6437, 35.3221, 31.1033

Sweetspot

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



25.7200, 35.3236, 23.8755



63.6833, 72.2867, 69.5944



34.1930, 39.7399, 22.0882



13.8957, 15.9416, 15.0753



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.



25.7200, 35.3236, 23.8755



42.3774, 62.0135, 36.5008



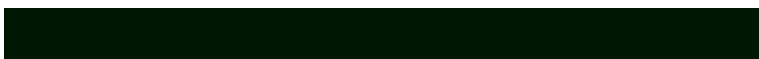
27.8244, 36.1653, 34.9568



7.9417, 8.9542, 8.7181



11.0863, 21.9998, 4.2280



0.3203, 0.6168, 0.1804

Inverse Universe

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



30.5624, 24.0508, 39.5918



52.5570, 38.2986, 69.5262



28.1470, 23.0846, 26.8724



8.2955, 8.1315, 9.8671



16.8665, 8.2092, 22.7404



0.4805, 0.2329, 0.6921

Previews

White Background



This preview shows how the XYZ color 25.7191, 35.3221, 23.8747 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 25.7191, 35.3221, 23.8747 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 25.7191, 35.3221, 23.8747

Background



This preview shows how black text looks on a background with the XYZ color 25.7191, 35.3221, 23.8747.



This preview shows how white text looks on a background with the XYZ color 25.7191, 35.3221,

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

25.7191, 35.3221, 23.8747

Protanopia

32.7364, 35.1732, 21.5867

Deuteranopia

35.4068, 34.7279, 24.5757



Tritanopia

30.6611, 35.3683, 48.3908

Trichromacy



Original Color

25.7191, 35.3221, 23.8747

Protanomaly

29.4876, 34.7976, 22.3020

Deuteranomaly

30.9437, 34.4440, 24.4195

Tritanomaly

28.6588, 35.3902, 38.1214

Monochromacy



Original Color

25.7191, 35.3221, 23.8747

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.4483, 32.0081, 29.5424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7191, 35.3221, 23.8747 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 174, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 174, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.7191, 35.3221, 23.8747 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, 122) }
```


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

```
.border{ border-color:rgb(115, 174, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 174, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 174, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 174,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7191, 35.3221, 23.8747 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, 122) }
```

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

```
.background{ background-color: rgb(115,  
174, 122) }
```

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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