

Converting Colors

XYZ(23.5414, 34.7330, 25.8855)

Have a look what the booklet for
XYZ(23.5414, 34.7330, 25.8855)
contains.

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Color

**XYZ(23.5414, 34.7330,
25.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	59B080
RGB	89, 176, 128
RGB Percent	35%, 69%, 50%
CMY	0.6510, 0.3098, 0.4980
CMYK	0.49, 0.00, 0.27, 0.31
HSL	147°, 36%, 52%
HSV	147°, 49%, 69%
XYZ	23.5414, 34.7330, 25.8855
YIQ	144.5150, -36.4440, -33.3720

Conversions

Conversions Part 2

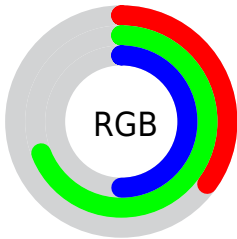
Format	Color
RYB	89, 149, 176
Decimal	5877888
CIELab	65.54, -37.46, 16.69
CIELCh	66, 41.012, 155.988
Yxy	34.7330, 0.2797, 0.4127
Android (android.graphics.Color)	4284067968 (0xFF59B080)
YUV	144.5150, -8.1419, -48.6867
Hunter-Lab	58.9347, -31.8341, 15.2127

Details

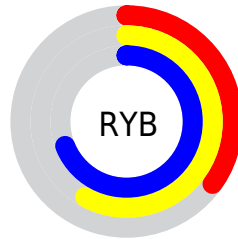
The XYZ color **23.5414, 34.7330, 25.8855** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **25.9933, 18.1817, 25.8074**, and the grayscale version is **26.7602, 28.1538, 30.6595**.

A 20% lighter version of the original color is **48.6987, 66.9787, 54.0776**, and **9.0297, 15.0065, 9.8178** is the 20% darker color. If you saturate the color by 10%, you get **21.4414, 33.7217, 22.6093**, and if you desaturate by 10%, it is **26.1082, 35.9798, 29.5045**.

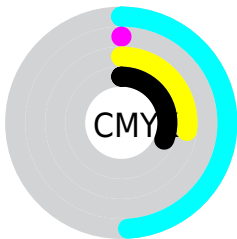
Distribution



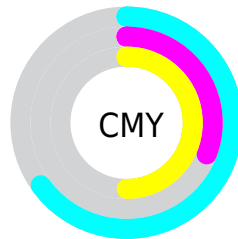
- Red (35%)
- Green (69%)
- Blue (50%)



- Red (35%)
- Yellow (58%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)





- Cyan (65%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5414, 34.7330, 25.8855 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 23.5414, 34.7330, 25.8855 by changing the saturation by 10% instead.


 23.5414, 34.7330,
25.8855


 23.5414, 34.7330,
25.8855


262.9774,
323.3882, 295.8071


 15.1167, 23.4573,
16.5130


 48.7409, 67.0719,
54.0720


 8.9882, 14.9315,
9.7296

 66.2464, 88.9039,
73.7231

 4.7905, 8.7713,
5.1168


 87.5096, 115.0235,
97.6374

 2.1584, 4.5923,
2.2560

 112.8957,
145.8150, 126.2336

 0.7207, 2.0101,
0.7064

142.7702,
181.6628, 159.9301

 0.0000, 0.6133,
0.0000

177.4984,

 0.0000, 0.0000,

222.9514, 199.1455

0.0000

217.4457,
270.0650, 244.2983

■ 23.5414, 34.7330,
25.8855

■ 23.5414, 34.7330,
25.8855

■ 21.4414, 33.7217,
22.6093

■ 26.1082, 35.9798,
29.5045

■ 19.7744, 32.9258,
19.6630

■ 29.1671, 37.4720,
33.4737

■ 18.5065, 32.3290,
17.0365


■ 32.7446, 39.2241,
37.8033


■ 17.5967, 31.9103,
14.7182


■ 36.8647, 41.2484,
42.5025


■ 16.9662, 31.6295,
12.6940


■ 41.5496, 43.5560,
47.5800

 16.9335, 31.6150,
12.5873

 46.8204, 46.1577,
53.0441

 52.6972, 49.0637,
58.9031

 59.1987, 52.2835,
65.1647

 66.3433, 55.8264,
71.8368

Harmonies

Analogous

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



26.6768, 34.7330, 16.8618



23.5414, 34.7330, 25.8855



22.8013, 34.7330, 41.3770

Triad

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



23.5414, 34.7330, 25.8855



34.2329, 34.7330, 81.2090



43.2744, 34.7330, 21.5133

Complementary

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



23.5414, 34.7330, 25.8855



25.9933, 18.1817, 25.8074

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.



45.8917, 34.7330, 34.4698



23.5414, 34.7330, 25.8855



40.2798, 34.7330, 71.4177

Square

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



23.5414, 34.7330, 25.8855



28.5297, 34.7330, 76.8234



44.7344, 34.7330, 52.9489



37.9423, 34.7330, 14.9260

Rectangle

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



23.5414, 34.7330, 25.8855



23.6761, 34.7330, 54.2537



44.7344, 34.7330, 52.9489



44.5285, 34.7330, 25.0906

Sweetspot

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



23.5423, 34.7344, 25.8863



62.3790, 72.6063, 72.0310



27.8605, 37.2023, 15.1639



13.1941, 15.5756, 15.2363



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.



23.5423, 34.7344, 25.8863



38.6827, 61.0600, 40.6663



26.9209, 36.0858, 43.6774



8.5420, 9.5513, 9.8479



12.4526, 23.2070, 9.3861



0.4213, 0.7420, 0.4509

Inverse Universe

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



25.9933, 18.1817, 25.8074



43.6269, 27.6198, 40.4704



23.5343, 17.1981, 12.8584



8.6860, 8.5811, 9.8448



14.7534, 7.4189, 9.1273



0.4931, 0.2450, 0.4392

Previews

White Background



This preview shows how the XYZ color 23.5414, 34.7330, 25.8855 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 23.5414, 34.7330, 25.8855 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 23.5414, 34.7330, 25.8855

Background



This preview shows how black text looks on a background with the XYZ color 23.5414, 34.7330, 25.8855.



This preview shows how white text looks on a background with the XYZ color 23.5414, 34.7330,

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

23.5414, 34.7330, 25.8855

Protanopia

31.9792, 34.2448, 22.6937

Deuteranopia

34.7533, 34.0950, 26.9396



Tritanopia

28.3287, 34.6784, 50.0003

Trichromacy



Original Color

23.5414, 34.7330, 25.8855



Protanomaly

27.8455, 33.9158, 23.8177



Deuteranomaly

29.0543, 33.4243, 26.3929



Tritanomaly

26.4004, 34.7461, 39.9655

Monochromacy



Original Color

23.5414, 34.7330, 25.8855



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.0061, 30.0010, 28.8989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5414, 34.7330, 25.8855 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(89, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(89, 176, 128)  
}
```

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(89, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 176, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.5414, 34.7330, 25.8855 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(89, 176, 128) }
```


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

```
.border{ border-color:rgb(89, 176, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(89, 176,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5414, 34.7330, 25.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 176, 128) }
```

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

```
.background{ background-color: rgb(89, 176,  
128) }
```

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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