

Converting Colors

XYZ(23.4826, 34.7158, 24.7780)

Have a look what the booklet for
XYZ(23.4826, 34.7158, 24.7780)
contains.

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Color

**XYZ(23.5414, 34.7555,
24.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB07D
RGB	91, 176, 125
RGB Percent	36%, 69%, 49%
CMY	0.6431, 0.3098, 0.5098
CMYK	0.48, 0.00, 0.29, 0.31
HSL	144°, 35%, 52%
HSV	144°, 48%, 69%
XYZ	23.5414, 34.7555, 24.8698
YIQ	144.7710, -34.2890, -33.8810

Conversions

Conversions Part 2

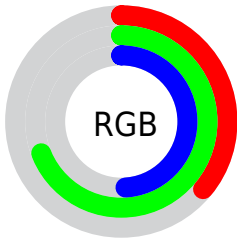
Format	Color
RYB	91, 152, 176
Decimal	6008957
CIELab	65.56, -37.54, 18.36
CIElCh	66, 41.789, 153.935
Yxy	34.7555, 0.2831, 0.4179
Android (android.graphics.Color)	4284199037 (0xFF5BB07D)
YUV	144.7710, -9.7471, -47.1572
Hunter-Lab	58.9538, -31.8906, 16.2560

Details

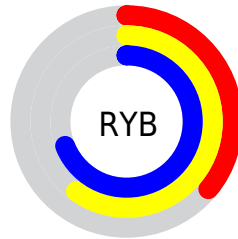
The XYZ color **23.5414, 34.7555, 24.8698** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **26.5292, 18.6660, 27.7971**, and the grayscale version is **26.8697, 28.2690, 30.7850**.

A 20% lighter version of the original color is **48.7466, 67.0386, 52.4900**, and **9.0472, 15.0278, 9.2613** is the 20% darker color. If you saturate the color by 10%, you get **21.3666, 33.7092, 21.4320**, and if you desaturate by 10%, it is **26.1967, 36.0431, 28.7060**.

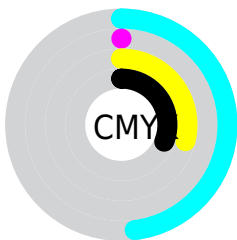
Distribution



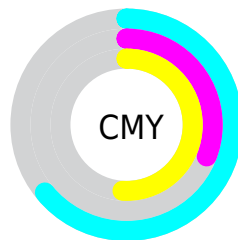
- Red (36%)
- Green (69%)
- Blue (49%)



- Red (36%)
- Yellow (60%)
- Blue (69%)



- Cyan (48%)
- Magenta (0%)
- Yellow (29%)
- Black (31%)




- Cyan (64%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5414, 34.7555, 24.8698 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, 34.7555, 24.8698 by changing the saturation by 10% instead.


 23.5414, 34.7555,
24.8698


 23.5414, 34.7555,
24.8698


262.9774,
323.4878, 290.6158


 15.1167, 23.4746,
15.7619


 48.7409, 67.1068,
52.4074


 8.9882, 14.9443,
9.2033


 66.2464, 88.9460,
71.6743

 4.7905, 8.7803,
4.7754


 87.5096, 115.0735,
95.1645

 2.1584, 4.5982,
2.0597

 112.8957,
145.8735, 123.2967

 0.7207, 2.0135,
0.5916

142.7702,
181.7306, 156.4894

 0.0000, 0.6153,
0.0000

177.4984,

 0.0000, 0.0000,

223.0291, 195.1611

0.0000

217.4457,
270.1533, 239.7304

■ 23.5414, 34.7555,
24.8698

■ 23.5414, 34.7555,
24.8698

■ 21.3666, 33.7092,
21.4320

■ 26.1967, 36.0431,
28.7060

■ 19.6384, 32.8841,
18.3773

■ 29.3579, 37.5821,
32.9508

■ 18.3228, 32.2639,
15.6924


■ 33.0519, 39.3870,
37.6169


■ 17.3790, 31.8279,
13.3627


■ 37.3028, 41.4700,
42.7156


■ 16.7398, 31.5418,
11.3711


■ 42.1333, 43.8425,
48.2578

 16.6442, 31.4993,
11.0636

 47.5646, 46.5154,
54.2542

 53.6171, 49.4988,
60.7148

 60.3099, 52.8025,
67.6496

 67.6615, 56.4358,
75.0681

Harmonies

Analogous

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



26.8843, 34.7555, 16.1853



23.5414, 34.7555, 24.8698



22.6199, 34.7555, 40.2056

Triad

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



23.5414, 34.7555, 24.8698



33.8491, 34.7555, 82.4677



43.8038, 34.7555, 21.9601

Complementary

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



23.5414, 34.7555, 24.8698



26.5292, 18.6660, 27.7971

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.



46.2358, 34.7555, 35.5745



23.5414, 34.7555, 24.8698



40.0567, 34.7555, 73.3041

Square

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



23.5414, 34.7555, 24.8698



28.1234, 34.7555, 76.9610



44.7868, 34.7555, 54.6874



38.4854, 34.7555, 14.9063

Rectangle

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



23.5414, 34.7555, 24.8698



23.3940, 34.7555, 53.2472



44.7868, 34.7555, 54.6874



45.0139, 34.7555, 25.7390

Sweetspot

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



23.5423, 34.7569, 24.8706



62.9414, 72.9003, 71.8716



28.8148, 37.6845, 15.6530



13.2973, 15.6306, 15.1601



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, 34.7569, 24.8706



38.4984, 61.0139, 38.4474



26.7314, 36.0326, 41.6641



8.5251, 9.5445, 9.7589



12.2389, 23.1215, 8.2609



0.4143, 0.7392, 0.4137

Inverse Universe

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



26.5292, 18.6660, 27.7971



44.5533, 28.3222, 44.3261



23.9914, 17.6509, 14.4335



8.7032, 8.5880, 9.9356



15.0599, 7.5415, 10.7415



0.5017, 0.2484, 0.4847

Previews

White Background



This preview shows how the XYZ color 23.5414, 34.7555, 24.8698 looks on a white background.

Color Contrast Check

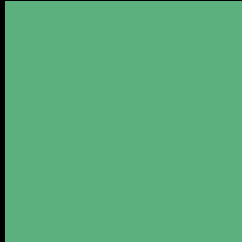
Large Text (above 18pt) WCAG AA × Fail

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, 34.7555, 24.8698 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, 34.7555, 24.8698

Background



This preview shows how black text looks on a background with the XYZ color 23.5414, 34.7555, 24.8698.



This preview shows how white text looks on a background with the XYZ color 23.5414, 34.7555,

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, 34.7555, 24.8698

Protanopia

32.0153, 34.2841, 21.7597

Deuteranopia

34.7859, 34.1355, 25.8745



Tritanopia

28.4572, 34.7566, 49.4648

Trichromacy



Original Color

23.5414, 34.7555, 24.8698



Protanomaly

27.8298, 33.9291, 22.8515



Deuteranomaly

29.2188, 33.5323, 25.3545



Tritanomaly

26.4411, 34.7876, 39.0393

Monochromacy



Original Color

23.5414, 34.7555, 24.8698



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.9334, 29.9719, 28.5158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5414, 34.7555, 24.8698 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(91, 176, 125)` looks like.

```
.text, #text, p{  
    color:rgb(91, 176, 125)  
}
```

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(91, 176, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 176, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.5414, 34.7555, 24.8698 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(91, 176, 125) }
```


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

```
.border{ border-color:rgb(91, 176, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 176, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 176, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 176, 125);  
box-shadow:4px 4px 4px 4px rgb(91, 176,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5414, 34.7555, 24.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 176, 125) }
```

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

```
.background{ background-color: rgb(91, 176,  
125) }
```

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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