

Converting Colors

XYZ(25.4795, 34.0316, 23.7417)

Have a look what the booklet for
XYZ(25.4795, 34.0316, 23.7417)
contains.

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Color

**XYZ(25.4953, 34.0765,
23.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	77AA7A
RGB	119, 170, 122
RGB Percent	47%, 67%, 48%
CMY	0.5333, 0.3333, 0.5216
CMYK	0.30, 0.00, 0.28, 0.33
HSL	124°, 23%, 57%
HSV	124°, 30%, 67%
XYZ	25.4953, 34.0765, 23.6460
YIQ	149.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

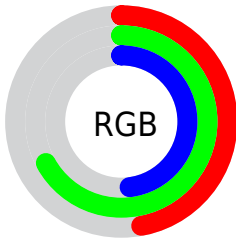
Format	Color
RYB	119, 167, 170
Decimal	7842426
CIELab	65.02, -26.78, 19.48
CIELCh	65, 33.113, 143.966
Yxy	34.0765, 0.3064, 0.4095
Android (android.graphics.Color)	4286032506 (0xFF77AA7A)
YUV	149.2790, -13.4485, -26.5547
Hunter-Lab	58.3751, -24.1966, 16.8459

Details

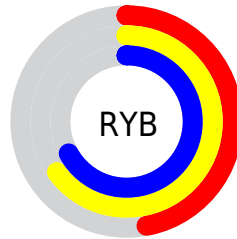
The XYZ color **25.4953, 34.0765, 23.6460** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.1506, 24.5304, 39.7063**, and the grayscale version is **28.7447, 30.2416, 32.9332**.

A 20% lighter version of the original color is **51.9475, 66.2585, 50.6087**, and **9.9478, 14.4326, 8.5648** is the 20% darker color. If you saturate the color by 10%, you get **22.4565, 32.6162, 18.7480**, and if you desaturate by 10%, it is **29.1165, 35.8201, 29.4248**.

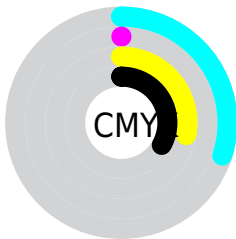
Distribution



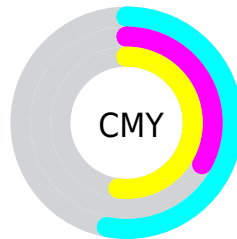
- Red (47%)
- Green (67%)
- Blue (48%)



- Red (47%)
- Yellow (65%)
- Blue (67%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (33%)



- Cyan (53%)
- Magenta (33%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4953, 34.0765, 23.6460 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 25.4953, 34.0765, 23.6460 by changing the saturation by 10% instead.

■ 25.4953, 34.0765,
23.6460

■ 25.4953, 34.0765,
23.6460

272.5980,
320.4730, 284.2545

■ 16.5771, 22.9524,
14.8615

■ 51.8967, 66.0526,
50.3885

■ 10.0269, 14.5583,
8.5767

■ 70.1107, 87.6734,
69.1835

■ 5.4792, 8.5100,
4.3731

■ 92.1541, 113.5618,
92.1524

■ 2.5687, 4.4230,
1.8322

118.3921,
144.1024, 119.7138

■ 0.9300, 1.9129,
0.4491

149.1901,
179.6794, 152.2861

■ 0.0000, 0.5561,
0.0000

184.9136,

■ 0.0000, 0.0000,

220.6772, 190.2880

0.0000

225.9277,
267.4803, 234.1380

■ 25.4953, 34.0765,
23.6460

■ 25.4953, 34.0765,
23.6460

■ 22.4565, 32.6162,
18.7480

■ 29.1165, 35.8201,
29.4248

■ 19.9672, 31.4203,
14.6855

■ 33.3454, 37.8564,
36.1222

■ 17.9953, 30.4741,
11.4124


■ 38.2092, 40.1994,
43.7766


■ 16.5043, 29.7601,
8.8775


■ 43.7326, 42.8611,
52.4236


■ 15.4530, 29.2580,
7.0235


■ 49.9389, 45.8529,
62.0970

 14.7930, 28.9445,
5.7845

 56.8503, 49.1855,
72.8288

 14.4302, 28.7727,
5.0804

 64.4880, 52.8691,
84.6497

 72.8711, 56.9131,
97.5893

 73.6654, 57.2308,
101.7718

Harmonies

Analogous

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



28.7888, 34.0765, 17.8388



25.4953, 34.0765, 23.6460



24.0637, 34.0765, 34.3984

Triad

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



25.4953, 34.0765, 23.6460



31.4298, 34.0765, 70.0128



41.5576, 34.0765, 27.3851

Complementary

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



25.4953, 34.0765, 23.6460



30.1506, 24.5304, 39.7063

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.



42.4414, 34.0765, 39.9468



25.4953, 34.0765, 23.6460



36.2768, 34.0765, 66.8127

Square

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



25.4953, 34.0765, 23.6460



27.2658, 34.0765, 62.7909



40.4245, 34.0765, 54.8896



38.1161, 34.0765, 19.5957

Rectangle

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



25.4953, 34.0765, 23.6460



24.2457, 34.0765, 43.8424



40.4245, 34.0765, 54.8896



42.1769, 34.0765, 31.0932

Sweetspot

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



25.4962, 34.0779, 23.6468



61.1935, 69.0178, 66.6328



33.7375, 38.3476, 23.0767



13.3847, 15.2652, 14.4464



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.4962, 34.0779, 23.6468



42.4756, 60.0089, 36.8176



27.2538, 34.7810, 32.9023



7.4540, 8.4146, 8.1108



10.6219, 21.1675, 3.7758



0.2638, 0.5172, 0.1204

Inverse Universe

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



30.1506, 24.5304, 39.7063



52.2930, 39.8648, 70.6873



28.0541, 23.6918, 28.6667



7.8226, 7.6589, 9.3828



16.8694, 8.1565, 25.1874



0.4160, 0.2007, 0.6419

Previews

White Background



This preview shows how the XYZ color 25.4953, 34.0765, 23.6460 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 25.4953, 34.0765, 23.6460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

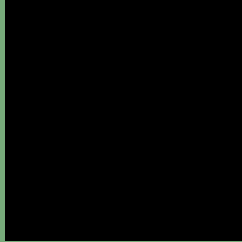
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4953, 34.0765, 23.6460

Background



This preview shows how black text looks on a background with the XYZ color 25.4953, 34.0765, 23.6460.



This preview shows how white text looks on a background with the XYZ color 25.4953, 34.0765,

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

25.4953, 34.0765, 23.6460

Protanopia

31.5715, 33.8099, 21.3850

Deuteranopia

34.3609, 33.7069, 24.4337



Tritanopia

29.9869, 33.9961, 46.0557

Trichromacy



Original Color

25.4953, 34.0765, 23.6460

Protanomaly

28.9528, 33.7280, 22.1237

Deuteranomaly

30.4257, 33.4080, 24.2468

Tritanomaly

28.0944, 34.0327, 36.5407

Monochromacy



Original Color

25.4953, 34.0765, 23.6460

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1984, 31.3813, 29.0498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4953, 34.0765, 23.6460 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(119, 170, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 170, 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(119, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 170, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.4953, 34.0765, 23.6460 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(119, 170, 122) }
```


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

```
.border{ border-color:rgb(119, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 170, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 170, 122);  
box-shadow:4px 4px 4px 4px rgb(119, 170,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4953, 34.0765, 23.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 170, 122) }
```

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

```
.background{ background-color: rgb(119,  
170, 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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