

Converting Colors

XYZ(24.3153, 34.4554, 25.0905)

Have a look what the booklet for
XYZ(24.3153, 34.4554, 25.0905)
contains.

XYZ(24.3814, 34.6032, 25.1327)	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(24.3814, 34.6032,
25.1327)**

Conversions

Conversions Part 1

Format	Color
Hex	66AE7E
RGB	102, 174, 126
RGB Percent	40%, 68%, 49%
CMY	0.6000, 0.3176, 0.5059
CMYK	0.41, 0.00, 0.28, 0.32
HSL	140°, 31%, 54%
HSV	140°, 41%, 68%
XYZ	24.3814, 34.6032, 25.1327
YIQ	147.0000, -27.5040, -30.1920

Conversions

Conversions Part 2

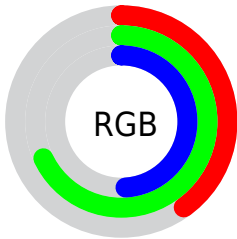
Format	Color
RYB	102, 156, 174
Decimal	6729342
CIELab	65.44, -33.33, 17.73
CIELCh	65, 37.754, 151.996
Yxy	34.6032, 0.2899, 0.4114
Android (android.graphics.Color)	4284919422 (0xFF66AE7E)
YUV	147.0000, -10.3530, -39.4650
Hunter-Lab	58.8245, -28.9587, 15.8455

Details

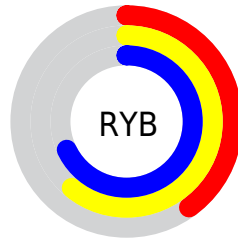
The XYZ color **24.3814, 34.6032, 25.1327** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.7130, 20.7041, 31.3911**, and the grayscale version is **27.7835, 29.2304, 31.8319**.

A 20% lighter version of the original color is **50.1438, 66.9162, 52.9211**, and **9.4435, 14.8635, 9.3924** is the 20% darker color. If you saturate the color by 10%, you get **21.9070, 33.4101, 21.3338**, and if you desaturate by 10%, it is **27.3583, 36.0473, 29.4098**.

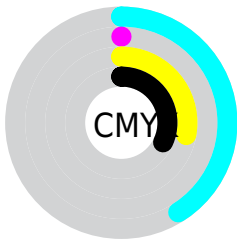
Distribution



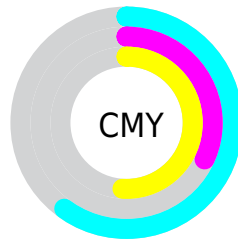
- Red (40%)
- Green (68%)
- Blue (49%)



- Red (40%)
- Yellow (61%)
- Blue (68%)



- Cyan (41%)
- Magenta (0%)
- Yellow (28%)
- Black (32%)



- Cyan (60%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3814, 34.6032, 25.1327 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 24.3814, 34.6032, 25.1327 by changing the saturation by 10% instead.

■ 24.3814, 34.6032,
25.1327

■ 24.3814, 34.6032,
25.1327

267.1479,
322.8134, 291.9670

■ 15.7430, 23.3574,
15.9560

■ 50.1020, 66.8706,
52.8392

■ 9.4322, 14.8576,
9.3390

■ 67.9150, 88.6610,
72.2061

■ 5.0835, 8.7195,
4.8631

■ 89.5170, 114.7350,
95.8069

■ 2.3316, 4.5587,
2.1099

■ 115.2732,
145.4770, 124.0600

■ 0.8108, 1.9907,
0.6216

145.5490,
181.2715, 157.3840

■ 0.0000, 0.6021,
0.0000

180.7098,

■ 0.0000, 0.0000,

222.5028, 196.1975

0.0000

221.1210,
269.5553, 240.9190

■ 24.3814, 34.6032,
25.1327

■ 24.3814, 34.6032,
25.1327

■ 21.9070, 33.4101,
21.3338

■ 27.3583, 36.0473,
29.4098

■ 19.9034, 32.4491,
17.9939

■ 30.8617, 37.7514,
34.1786

■ 18.3393, 31.7052,
15.0961


■ 34.9172, 39.7295,
39.4552


■ 17.1781, 31.1602,
12.6214


■ 39.5480, 41.9932,
45.2539


■ 16.3771, 30.7923,
10.5492


■ 44.7757, 44.5534,
51.5888

 15.9004, 30.5789,
9.0673

 50.6211, 47.4205,
58.4732

 57.1037, 50.6043,
65.9200

 64.2423, 54.1142,
73.9417

 70.7165, 57.2693,
82.4878

Harmonies

Analogous

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



27.5808, 34.6032, 17.3329



24.3814, 34.6032, 25.1327



23.3829, 34.6032, 38.7454

Triad

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



24.3814, 34.6032, 25.1327



33.2603, 34.6032, 76.9435



42.7350, 34.6032, 23.7589

Complementary

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



24.3814, 34.6032, 25.1327



27.7130, 20.7041, 31.3911

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.



44.6756, 34.6032, 36.6284



24.3814, 34.6032, 25.1327



38.8387, 34.6032, 69.7763

Square

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



24.3814, 34.6032, 25.1327



28.1540, 34.6032, 71.3848



43.1766, 34.6032, 53.8245



38.1279, 34.6032, 16.7097

Rectangle

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



24.3814, 34.6032, 25.1327



23.9984, 34.6032, 50.2448



43.1766, 34.6032, 53.8245



43.7427, 34.6032, 27.4019

Sweetspot

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



24.3823, 34.6046, 25.1335



62.6822, 71.7444, 70.7322



30.3352, 37.8314, 18.2740



13.7142, 15.8398, 15.4419



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.



24.3823, 34.6046, 25.1335



39.9370, 60.6972, 39.0167



27.0320, 35.6645, 39.0864



8.0105, 8.9818, 9.0803



11.5572, 22.1882, 6.7082



0.3473, 0.6276, 0.3225

Inverse Universe

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



27.7130, 20.7041, 31.3911



46.8200, 31.9189, 51.9088



25.3139, 19.7445, 18.7574



8.2218, 8.1020, 9.4790



14.9755, 7.4527, 12.7823



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 24.3814, 34.6032, 25.1327 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 24.3814, 34.6032, 25.1327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

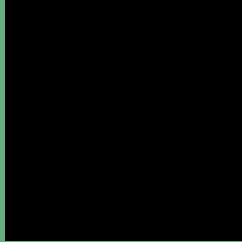
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3814, 34.6032, 25.1327

Background



This preview shows how black text looks on a background with the XYZ color 24.3814, 34.6032, 25.1327.



This preview shows how white text looks on a background with the XYZ color 24.3814, 34.6032,

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

24.3814, 34.6032, 25.1327

Protanopia

31.9188, 34.2206, 22.3757

Deuteranopia

34.8534, 34.1624, 26.2298



Tritanopia

28.9964, 34.5101, 48.3129

Trichromacy



Original Color

24.3814, 34.6032, 25.1327



Protanomaly

28.4654, 33.9758, 23.4701



Deuteranomaly

29.8597, 33.5966, 25.6799



Tritanomaly

27.1503, 34.6025, 38.5057

Monochromacy



Original Color

24.3814, 34.6032, 25.1327



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

26.0772, 30.8033, 28.9973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3814, 34.6032, 25.1327 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(102, 174, 126)` looks like.

```
.text, #text, p{  
    color:rgb(102, 174, 126)  
}
```

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(102, 174, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 174, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.3814, 34.6032, 25.1327 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(102, 174, 126) }
```


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

```
.border{ border-color:rgb(102, 174, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 174, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 174, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 174, 126);  
box-shadow:4px 4px 4px 4px rgb(102, 174,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3814, 34.6032, 25.1327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 174, 126) }
```

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

```
.background{ background-color: rgb(102,  
174, 126) }
```

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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