

Converting Colors

XYZ(24.9715, 32.9421, 34.8178)

Have a look what the booklet for
XYZ(24.9715, 32.9421, 34.8178)
contains.

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Color

**XYZ(25.0370, 33.0390,
34.7633)**

Conversions

Conversions Part 1

Format	Color
Hex	65A898
RGB	101, 168, 152
RGB Percent	40%, 66%, 60%
CMY	0.6039, 0.3412, 0.4039
CMYK	0.40, 0.00, 0.10, 0.34
HSL	166°, 28%, 53%
HSV	166°, 40%, 66%
XYZ	25.0370, 33.0390, 34.7633
YIQ	146.1430, -34.7960, -19.1800

Conversions

Conversions Part 2

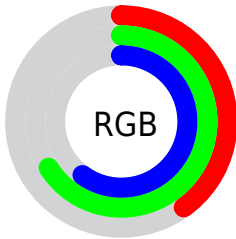
Format	Color
RYB	101, 139, 168
Decimal	6662296
CIELab	64.19, -25.14, 1.57
CIELCh	64, 25.189, 176.430
Yxy	33.0390, 0.2697, 0.3559
Android (android.graphics.Color)	4284852376 (0xFF65A898)
YUV	146.1430, 2.8875, -39.5904
Hunter-Lab	57.4796, -22.8380, 4.3775

Details

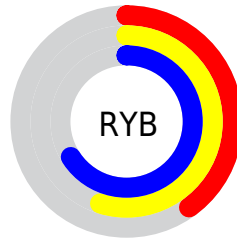
The XYZ color **25.0370, 33.0390, 34.7633** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0142, 18.9175, 19.2168**, and the grayscale version is **27.3798, 28.8057, 31.3694**.

A 20% lighter version of the original color is **51.0458, 64.2001, 68.0940**, and **9.8133, 14.0587, 14.5083** is the 20% darker color. If you saturate the color by 10%, you get **23.0219, 32.0384, 32.9829**, and if you desaturate by 10%, it is **27.4496, 34.2450, 36.6218**.

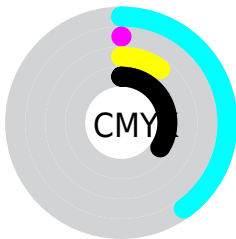
Distribution



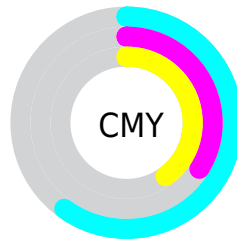
- Red (40%)
- Green (66%)
- Blue (60%)



- Red (40%)
- Yellow (55%)
- Blue (66%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (60%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0370, 33.0390, 34.7633 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 25.0370, 33.0390, 34.7633 by changing the saturation by 10% instead.

■ 25.0370, 33.0390,
34.7633

■ 25.0370, 33.0390,
34.7633

270.3664,
315.8254, 338.3948

■ 16.2335, 22.1563,
23.1985

■ 51.1597, 64.4364,
68.2663

■ 9.7814, 13.9718,
14.5335

■ 69.2096, 85.7199,
91.0416

■ 5.3154, 8.1011,
8.3497

■ 91.0724, 111.2392,
118.3909

■ 2.4701, 4.1597,
4.2285

■ 117.1134,
141.3786, 150.7326

■ 0.8802, 1.7633,
1.7515

147.6979,
176.5225, 188.4853

■ 0.0000, 0.4641,
0.3957

183.1913,

■ 0.0000, 0.0000,

217.0554, 232.0675

0.0000

223.9590,
263.3616, 281.8978

■ 25.0370, 33.0390,
34.7633

■ 25.0370, 33.0390,
34.7633

■ 23.0219, 32.0384,
32.9829

■ 27.4496, 34.2450,
36.6218

■ 21.3778, 31.2269,
31.2767

■ 30.2786, 35.6635,
38.5576

■ 20.0794, 30.5923,
29.6435

■ 33.5451, 37.3062,
40.5730

■ 19.0968, 30.1193,
28.0815

■ 37.2678, 39.1827,
42.6696

■ 18.3951, 29.7899,
26.5883

■ 41.4643, 41.3023,
44.8485

■ 17.8972, 29.5643,
25.1599

■ 46.1515, 43.6733,
47.1111

■ 17.8915, 29.5617,
25.1431

■ 51.3451, 46.3042,
49.4588

■ 57.0604, 49.2026,
51.8926

■ 63.3119, 52.3760,
54.4138

Harmonies

Analogous

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



26.0228, 33.0390, 26.1604



25.0370, 33.0390, 34.7633



25.6474, 33.0390, 45.4539

Triad

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



25.0370, 33.0390, 34.7633



34.5584, 33.0390, 56.6087



35.3538, 33.0390, 21.9528

Complementary

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



25.0370, 33.0390, 34.7633



24.0142, 18.9175, 19.2168

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.



37.9601, 33.0390, 27.9131



25.0370, 33.0390, 34.7633



37.4770, 33.0390, 47.9778

Square

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



25.0370, 33.0390, 34.7633



30.9770, 33.0390, 59.3813



38.7648, 33.0390, 37.2122



31.8320, 33.0390, 19.7025

Rectangle

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



25.0370, 33.0390, 34.7633



26.9045, 33.0390, 52.1821



38.7648, 33.0390, 37.2122



36.3760, 33.0390, 23.5262

Sweetspot

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



25.0379, 33.0403, 34.7641



59.4102, 66.9599, 72.7540



23.7900, 32.7803, 17.3860



12.7857, 14.5123, 15.7585



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.0379, 33.0403, 34.7641



42.1095, 58.3017, 60.1668



23.5427, 27.8089, 41.1742



7.6698, 8.5010, 9.2473



13.5311, 22.3312, 19.0953



0.3473, 0.5506, 0.5599

Inverse Universe

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



24.0142, 18.9175, 19.2168



39.9983, 29.0186, 27.9868



24.9476, 22.1635, 15.2757



7.6018, 7.5706, 8.2205



12.5029, 6.4099, 2.1937



0.3234, 0.1636, 0.1544

Previews

White Background



This preview shows how the XYZ color 25.0370, 33.0390, 34.7633 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 25.0370, 33.0390, 34.7633 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 25.0370, 33.0390, 34.7633

Background



This preview shows how black text looks on a background with the XYZ color 25.0370, 33.0390, 34.7633.



This preview shows how white text looks on a background with the XYZ color 25.0370, 33.0390,

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

25.0370, 33.0390, 34.7633

Protanopia

31.0868, 32.5984, 31.0392

Deuteranopia

33.2693, 32.6480, 36.0007



Tritanopia

27.4957, 32.9534, 47.0309

Trichromacy



Original Color

25.0370, 33.0390, 34.7633

Protanomaly

28.3121, 32.3918, 32.3638

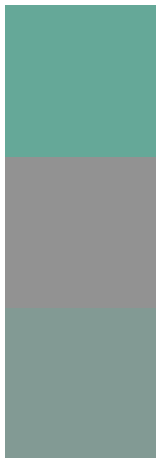
Deuteranomaly

29.4750, 32.4098, 35.7126

Tritanomaly

26.4423, 32.7781, 42.4693

Monochromacy



Original Color

25.0370, 33.0390, 34.7633

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.1068, 29.9951, 32.4306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0370, 33.0390, 34.7633 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(101, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(101, 168, 152)  
}
```

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(101, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 168, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.0370, 33.0390, 34.7633 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(101, 168, 152) }
```


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

```
.border{ border-color:rgb(101, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(101, 168,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0370, 33.0390, 34.7633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 168, 152) }
```

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

```
.background{ background-color: rgb(101,  
168, 152) }
```

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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