

Converting Colors

XYZ(32.6845, 38.8513, 55.6458)

Have a look what the booklet for
XYZ(32.6845, 38.8513, 55.6458)
contains.

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Color

**XYZ(32.6475, 38.7784,
55.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	77B0C0
RGB	119, 176, 192
RGB Percent	47%, 69%, 75%
CMY	0.5333, 0.3098, 0.2471
CMYK	0.38, 0.08, 0.00, 0.25
HSL	193°, 37%, 61%
HSV	193°, 38%, 75%
XYZ	32.6475, 38.7784, 55.6334
YIQ	160.7810, -39.1080, -7.1080

Conversions

Conversions Part 2

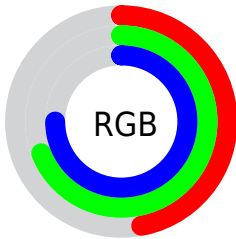
Format	Color
RYB	119, 151, 192
Decimal	7844032
CIELab	68.59, -14.45, -14.04
CIELCh	69, 20.149, 224.189
Yxy	38.7784, 0.2569, 0.3052
Android (android.graphics.Color)	4286034112 (0xFF77B0C0)
YUV	160.7810, 15.3910, -36.6419
Hunter-Lab	62.2723, -15.3943, -9.3784

Details

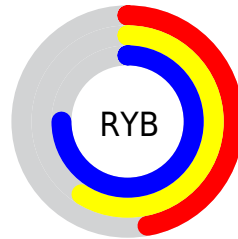
The XYZ color **32.6475, 38.7784, 55.6334** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.7326, 29.8668, 21.4407**, and the grayscale version is **33.7195, 35.4755, 38.6328**.

A 20% lighter version of the original color is **63.2554, 73.4892, 99.6579**, and **13.9899, 17.1882, 27.0064** is the 20% darker color. If you saturate the color by 10%, you get **29.4619, 35.9312, 55.2524**, and if you desaturate by 10%, it is **36.3933, 41.9542, 56.0496**.

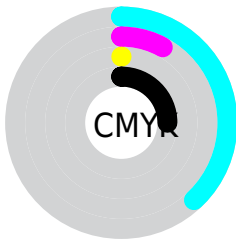
Distribution



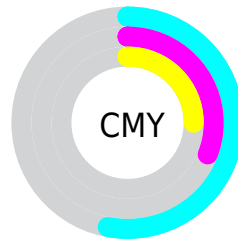
- Red (47%)
- Green (69%)
- Blue (75%)



- Red (47%)
- Yellow (59%)
- Blue (75%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6475, 38.7784, 55.6334 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 32.6475, 38.7784, 55.6334 by changing the saturation by 10% instead.

■ 32.6475, 38.7784,
55.6334

■ 32.6475, 38.7784,
55.6334

305.7515,
340.9474, 425.6579

■ 22.0145, 26.5874,
39.5071

■ 63.1832, 73.2997,
99.9488

■ 13.9842, 17.2636,
26.8436

■ 83.8165, 96.3987,
128.9749

■ 8.1913, 10.4226,
17.2244

■ 108.5141,
123.9025, 163.1381

■ 4.2704, 5.6800,
10.2309

137.6411,
156.1956, 202.8568

■ 1.8562, 2.6515,
5.4447

171.5630,
193.6622, 248.5496

■ 0.5512, 0.9526,
2.4472

210.6451,

■ 0.0000, 0.0000,

236.6867, 300.6350

0.8120

255.2528,
285.6537, 359.5316

■ 0.0000, 0.0000,
0.0000

■ 32.6475, 38.7784,
55.6334

■ 32.6475, 38.7784,
55.6334

■ 29.4619, 35.9312,
55.2524

■ 36.3933, 41.9542,
56.0496

■ 26.8006, 33.3909,
54.9023

■ 40.7256, 45.4698,
56.4999

■ 24.6287, 31.1402,
54.5824

■ 45.6732, 49.3412,
56.9864

■ 22.9055, 29.1579,
54.2906

■ 51.2618, 53.5820,
57.5104

■ 21.5834, 27.4188,
54.0246

■ 57.5158, 58.2051,
58.0731

■ 20.5896, 25.8853,
53.7810

■ 64.4581, 63.2227,
58.6757

■ 20.4086, 25.5940,
53.7343

■ 72.1107, 68.6463,
59.3192

■ 73.7186, 70.9940,
59.6876

■ 74.7691, 73.0949,
60.0378

Harmonies

Analogous

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



31.2453, 38.7784, 46.6595



32.6475, 38.7784, 55.6334



35.2177, 38.7784, 61.3984

Triad

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



32.6475, 38.7784, 55.6334



43.0552, 38.7784, 47.1731



35.3801, 38.7784, 27.4279

Complementary

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



32.6475, 38.7784, 55.6334



33.7326, 29.8668, 21.4407

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.



38.5478, 38.7784, 27.5242



32.6475, 38.7784, 55.6334



43.1049, 38.7784, 38.0771

Square

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



32.6475, 38.7784, 55.6334



41.2831, 38.7784, 56.0556



41.4152, 38.7784, 31.1620



32.7605, 38.7784, 30.8767

Rectangle

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



32.6475, 38.7784, 55.6334



37.3058, 38.7784, 62.1917



41.4152, 38.7784, 31.1620



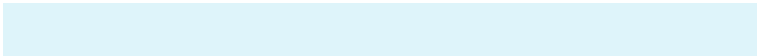
36.4132, 38.7784, 27.0641

Sweetspot

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



32.6487, 38.7799, 55.6343



79.8032, 87.1170, 102.9695



30.8185, 43.3661, 29.6012



16.8540, 18.4818, 22.0643



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.6487, 38.7799, 55.6343



54.0688, 65.7346, 100.1986



26.4550, 26.3925, 53.5697



10.1752, 11.0418, 12.8798



13.7920, 17.3405, 36.1767



0.6435, 0.8444, 1.5789

Inverse Universe

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



36.1725, 27.5357, 44.4844



61.5957, 43.0387, 76.0859



39.6916, 41.7848, 23.4270



10.3997, 10.2085, 12.1956



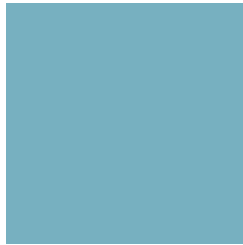
18.3575, 9.0328, 20.3266



0.8172, 0.3999, 1.0047

Previews

White Background



This preview shows how the XYZ color 32.6475, 38.7784, 55.6334 looks on a white background.

Color Contrast Check

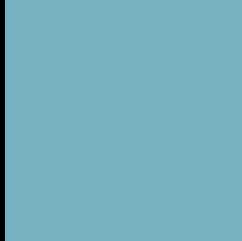
Large Text (above 18pt) WCAG AA × Fail

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 32.6475, 38.7784, 55.6334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

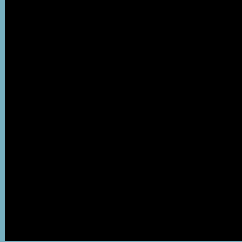
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6475, 38.7784, 55.6334

Background



This preview shows how black text looks on a background with the XYZ color 32.6475, 38.7784, 55.6334.



This preview shows how white text looks on a background with the XYZ color 32.6475, 38.7784,

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

32.6475, 38.7784, 55.6334

Protanopia

37.5219, 38.3056, 51.3150

Deuteranopia

39.3097, 38.5695, 57.0026



Tritanopia

32.4273, 38.6903, 54.4741

Trichromacy



Original Color

32.6475, 38.7784, 55.6334

Protanomaly

35.4778, 38.3027, 53.1002

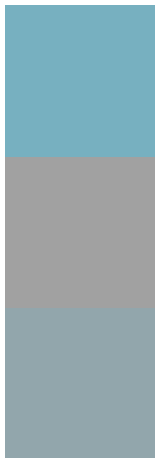
Deuteranomaly

36.5027, 38.4796, 56.5423

Tritanomaly

32.5371, 38.7342, 55.0518

Monochromacy



Original Color

32.6475, 38.7784, 55.6334

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9367, 36.3620, 44.3123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6475, 38.7784, 55.6334 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, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(119, 176, 192)  
}
```

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, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 176, 192) }
```

Border

The CSS property to change the border of an element to XYZ 32.6475, 38.7784, 55.6334 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, 176, 192) }
```


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

```
.border{ border-color:rgb(119, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(119, 176,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6475, 38.7784, 55.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 176, 192) }
```

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

```
.background{ background-color: rgb(119,  
176, 192) }
```

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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