

Converting Colors

XYZ(32.0981, 38.6180, 36.9601)

Have a look what the booklet for
XYZ(32.0981, 38.6180, 36.9601)
contains.

XYZ(32.0616, 38.6020, 36.7714)	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(32.0616, 38.6020,
36.7714)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAF9B
RGB	140, 175, 155
RGB Percent	55%, 69%, 61%
CMY	0.4510, 0.3137, 0.3922
CMYK	0.20, 0.00, 0.11, 0.31
HSL	146°, 18%, 62%
HSV	146°, 20%, 69%
XYZ	32.0616, 38.6020, 36.7714
YIQ	162.2550, -14.4400, -13.6400

Conversions

Conversions Part 2

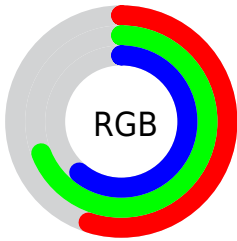
Format	Color
RYB	140, 165, 175
Decimal	9219995
CIELab	68.46, -16.00, 6.35
CIElCh	68, 17.214, 158.365
Yxy	38.6020, 0.2984, 0.3593
Android (android.graphics.Color)	4287410075 (0xFF8CAF9B)
YUV	162.2550, -3.5767, -19.5176
Hunter-Lab	62.1305, -16.6159, 8.4011

Details

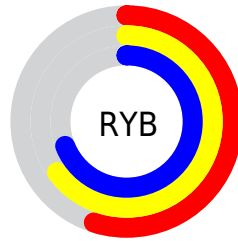
The XYZ color **32.0616, 38.6020, 36.7714** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.4039, 30.4092, 37.3685**, and the grayscale version is **34.4842, 36.2800, 39.5090**.

A 20% lighter version of the original color is **62.3327, 73.2246, 71.1701**, and **13.5780, 17.0424, 15.6706** is the 20% darker color. If you saturate the color by 10%, you get **28.5388, 36.8800, 32.4027**, and if you desaturate by 10%, it is **36.1252, 40.5968, 41.5303**.

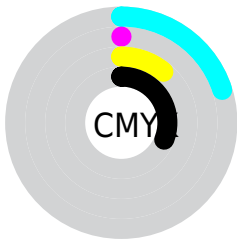
Distribution



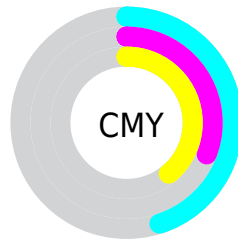
- Red (55%)
- Green (69%)
- Blue (61%)



- Red (55%)
- Yellow (65%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0616, 38.6020, 36.7714 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 32.0616, 38.6020, 36.7714 by changing the saturation by 10% instead.

■ 32.0616, 38.6020,
36.7714

■ 32.0616, 38.6020,
36.7714

303.1401,
340.1954, 347.4586

■ 21.5643, 26.4502,
24.7361

■ 62.2722, 73.0299,
71.4035

■ 13.6519, 17.1608,
15.6634

■ 82.7162, 96.0749,
94.8373

■ 7.9591, 10.3492,
9.1345

■ 107.2065,
123.5197, 122.9078

■ 4.1203, 5.6311,
4.7310

136.1085,
155.7487, 156.0335

■ 1.7704, 2.6221,
2.0343

169.7875,
193.1464, 194.6329

■ 0.4998, 0.9378,
0.5763

208.6089,

■ 0.0000, 0.0000,

236.0972, 239.1245

0.0000

252.9379,
284.9854, 289.9269

■ 32.0616, 38.6020,
36.7714

■ 32.0616, 38.6020,
36.7714

■ 28.5388, 36.8800,
32.4027

■ 36.1252, 40.5968,
41.5303

■ 25.5296, 35.4140,
28.4116

■ 40.7485, 42.8709,
46.6861

■ 23.0097, 34.1925,
24.7887

■ 45.9538, 45.4366,
52.2491

■ 20.9509, 33.2013,
21.5233

■ 51.7607, 48.3038,
58.2279

■ 19.3224, 32.4247,
18.6041

■ 58.1883, 51.4823,
64.6312

■ 18.0892, 31.8449,
16.0189

■ 65.2547, 54.9812,
71.4672

■ 17.2104, 31.4411,
13.7551

■ 70.1623, 57.3581,
78.6123

■ 16.6006, 31.1694,
11.7972

■ 71.5672, 57.9201,
86.0108

■ 73.0535, 58.5145,
93.8371

Harmonies

Analogous

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



33.5536, 38.6020, 31.3936



32.0616, 38.6020, 36.7714



31.7779, 38.6020, 44.2369

Triad

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



32.0616, 38.6020, 36.7714



37.4524, 38.6020, 58.5701



40.9240, 38.6020, 33.4417

Complementary

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



32.0616, 38.6020, 36.7714



33.4039, 30.4092, 37.3685

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.



42.0840, 38.6020, 39.8997



32.0616, 38.6020, 36.7714



40.0161, 38.6020, 54.8349

Square

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



32.0616, 38.6020, 36.7714



34.8044, 38.6020, 57.4649



41.7438, 38.6020, 47.7697



38.6426, 38.6020, 29.6422

Rectangle

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



32.0616, 38.6020, 36.7714



32.2982, 38.6020, 49.5176



41.7438, 38.6020, 47.7697



41.4630, 38.6020, 35.3398

Sweetspot

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



32.0627, 38.6036, 36.7723



67.8011, 74.2302, 77.8885



34.6457, 40.0718, 30.7201



14.9549, 16.4421, 17.1829



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.



32.0627, 38.6036, 36.7723



54.5184, 67.7136, 62.3160



33.6009, 39.2189, 44.8726



8.0416, 8.9942, 9.2442



11.9172, 22.3322, 8.6039



0.3593, 0.6324, 0.3855

Inverse Universe

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



33.4039, 30.4092, 37.3685



57.3594, 50.3525, 63.5766



32.0101, 29.8517, 30.0290



8.1898, 8.0892, 9.3102



14.3394, 7.1983, 9.4328



0.4256, 0.2109, 0.4030

Previews

White Background



This preview shows how the XYZ color 32.0616, 38.6020, 36.7714 looks on a white background.

Color Contrast Check

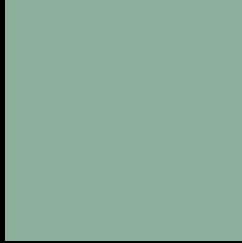
Large Text (above 18pt) WCAG AA × Fail

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 32.0616, 38.6020, 36.7714 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 32.0616, 38.6020, 36.7714

Background



This preview shows how black text looks on a background with the XYZ color 32.0616, 38.6020, 36.7714.



This preview shows how white text looks on a background with the XYZ color 32.0616, 38.6020,

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

32.0616, 38.6020, 36.7714

Protanopia

36.3748, 38.3587, 34.3410

Deuteranopia

39.1661, 38.3975, 37.6949



Tritanopia

34.8917, 38.6063, 50.9602

Trichromacy



Original Color

32.0616, 38.6020, 36.7714

Protanomaly

34.5534, 38.2200, 35.2618

Deuteranomaly

36.0842, 38.1418, 37.3585

Tritanomaly

33.6230, 38.3618, 45.1676

Monochromacy



Original Color

32.0616, 38.6020, 36.7714

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.4032, 37.0107, 38.1841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0616, 38.6020, 36.7714 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(140, 175, 155)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 155)  
}
```

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(140, 175, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.0616, 38.6020, 36.7714 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(140, 175, 155) }
```


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

```
.border{ border-color:rgb(140, 175, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 155);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0616, 38.6020, 36.7714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 155) }
```

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

```
.background{ background-color: rgb(140,  
175, 155) }
```

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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