

Converting Colors

XYZ(32.6445, 35.7509, 40.7777)

Have a look what the booklet for
XYZ(32.6445, 35.7509, 40.7777)
contains.

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Color

**XYZ(32.6447, 35.7516,
40.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	96A4A5
RGB	150, 164, 165
RGB Percent	59%, 64%, 65%
CMY	0.4118, 0.3568, 0.3529
CMYK	0.09, 0.01, 0.00, 0.35
HSL	184°, 8%, 62%
HSV	184°, 9%, 65%
XYZ	32.6447, 35.7516, 40.7775
YIQ	159.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

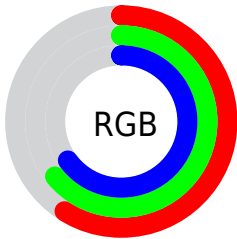
Format	Color
RYB	150, 157, 165
Decimal	9872549
CIELab	66.33, -4.71, -2.21
CIElCh	66, 5.208, 205.161
Yxy	35.7516, 0.2990, 0.3275
Android (android.graphics.Color)	4288062629 (0xFF96A4A5)
YUV	159.9280, 2.5005, -8.7069
Hunter-Lab	59.7926, -7.1823, 1.4201

Details

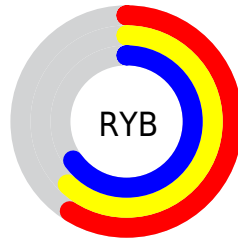
The XYZ color **32.6447, 35.7516, 40.7775** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0889, 32.3344, 33.4047**, and the grayscale version is **33.3730, 35.1110, 38.2359**.

A 20% lighter version of the original color is **63.1516, 68.6677, 77.6359**, and **13.9204, 15.4332, 17.8680** is the 20% darker color. If you saturate the color by 10%, you get **29.6245, 33.9054, 40.5809**, and if you desaturate by 10%, it is **36.0962, 37.8247, 40.9963**.

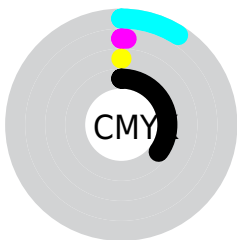
Distribution



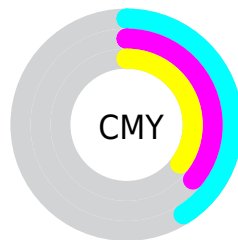
- Red (59%)
- Green (64%)
- Blue (65%)



- Red (59%)
- Yellow (62%)
- Blue (65%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6447, 35.7516, 40.7775 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 32.6447, 35.7516, 40.7775 by changing the saturation by 10% instead.

■ 32.6447, 35.7516,
40.7775

■ 32.6447, 35.7516,
40.7775

305.7391,
327.8735, 365.0389

■ 22.0123, 24.2424,
27.8269

■ 63.1788, 68.6485,
77.5960

■ 13.9826, 15.5135,
17.9573

■ 83.8113, 90.8050,
102.3010

■ 8.1902, 9.1806,
10.7502

108.5078,
117.2794, 131.7612

■ 4.2697, 4.8592,
5.7871

137.6338,
148.4561, 166.3951

■ 1.8558, 2.1649,
2.6494

171.5545,
184.7194, 206.6212

■ 0.5510, 0.7007,
0.9178

210.6354,

■ 0.0000, 0.0000,

226.4539, 252.8583

0.0000

255.2418,
274.0438, 305.5246

■ 32.6447, 35.7516,
40.7775

■ 32.6447, 35.7516,
40.7775

■ 29.6245, 33.9054,
40.5809

■ 36.0962, 37.8247,
40.9963

■ 27.0147, 32.2722,
40.4032

■ 39.9927, 40.1287,
41.2356

■ 24.7974, 30.8440,
40.2444

■ 44.3511, 42.6733,
41.4971

■ 22.9521, 29.6099,
40.1035

■ 49.1863, 45.4662,
41.7813

■ 21.4563, 28.5586,
39.9794

■ 54.5128, 48.5150,
42.0891

■ 20.2852, 27.6771,
39.8709

■ 60.3443, 51.8267,
42.4209

■ 19.4108, 26.9511,
39.7769

■ 62.7240, 53.3615,
42.5917

■ 18.8002, 26.3635,
39.6957

■ 62.9332, 53.7798,
42.6615

■ 18.3874, 25.8803,
39.6242

■ 63.1441, 54.2017,
42.7318

Harmonies

Analogous

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



32.5119, 35.7516, 38.5671



32.6447, 35.7516, 40.7775



33.1334, 35.7516, 42.5508

Triad

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



32.6447, 35.7516, 40.7775



35.2235, 35.7516, 41.4266



34.1072, 35.7516, 34.8125

Complementary

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



32.6447, 35.7516, 40.7775



32.0889, 32.3344, 33.4047

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.



34.8426, 35.7516, 35.5158



32.6447, 35.7516, 40.7775



35.4934, 35.7516, 39.2900

Square

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



32.6447, 35.7516, 40.7775



34.6208, 35.7516, 42.9354



35.3529, 35.7516, 37.1342



33.3488, 35.7516, 35.1769

Rectangle

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



32.6447, 35.7516, 40.7775



33.5991, 35.7516, 43.2175



35.3529, 35.7516, 37.1342



34.3654, 35.7516, 34.9311

Sweetspot

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



32.6457, 35.7531, 40.7783



62.1012, 66.2206, 73.2611



31.5990, 35.6212, 34.3826



13.4700, 14.4132, 16.0096



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.6457, 35.7531, 40.7783



57.2602, 63.2990, 72.9523



31.3845, 33.2307, 40.3579



7.2356, 7.9302, 9.0524



13.8978, 19.5749, 29.9756



0.3032, 0.4337, 0.6336

Inverse Universe

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



33.1251, 32.4931, 39.6497



58.3057, 56.2156, 70.4847



33.2922, 34.7411, 33.8058



7.3439, 7.1940, 8.7974



16.1604, 7.8202, 23.8332



0.3452, 0.1666, 0.5306

Previews

White Background



This preview shows how the XYZ color 32.6447, 35.7516, 40.7775 looks on a white background.

Color Contrast Check

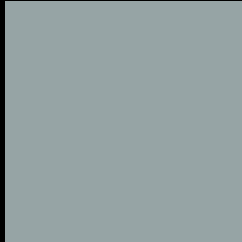
Large Text (above 18pt) WCAG AA × Fail

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 32.6447, 35.7516, 40.7775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

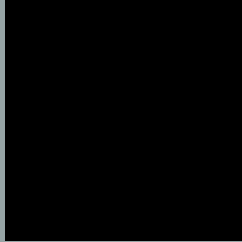
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

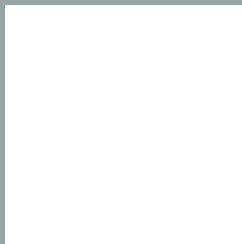
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6447, 35.7516, 40.7775

Background



This preview shows how black text looks on a background with the XYZ color 32.6447, 35.7516, 40.7775.



This preview shows how white text looks on a background with the XYZ color 32.6447, 35.7516,

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

32.6447, 35.7516, 40.7775

Protanopia

34.2859, 35.5725, 39.7094

Deuteranopia

36.3191, 35.5656, 41.5098



Tritanopia

33.6071, 35.6112, 45.6598

Trichromacy



Original Color

32.6447, 35.7516, 40.7775

Protanomaly

33.5463, 35.4392, 40.1943

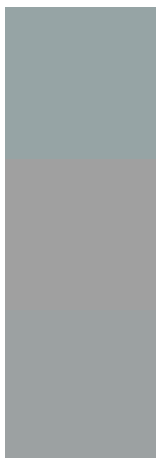
Deuteranomaly

34.7981, 35.5488, 41.1039

Tritanomaly

33.2104, 35.7140, 43.6712

Monochromacy



Original Color

32.6447, 35.7516, 40.7775

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9768, 35.1663, 39.2321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6447, 35.7516, 40.7775 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(150, 164, 165)` looks like.

```
.text, #text, p{  
    color:rgb(150, 164, 165)  
}
```

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(150, 164, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 164, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.6447, 35.7516, 40.7775 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(150, 164, 165) }
```


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

```
.border{ border-color:rgb(150, 164, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 164, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 164, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 164, 165);  
box-shadow:4px 4px 4px 4px rgb(150, 164,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6447, 35.7516, 40.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 164, 165) }
```

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

```
.background{ background-color: rgb(150,  
164, 165) }
```

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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