

Converting Colors

XYZ(34.7925, 37.8940, 32.4617)

Have a look what the booklet for
XYZ(34.7925, 37.8940, 32.4617)
contains.

XYZ(34.6554, 37.7888, 32.2555)	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(34.6554, 37.7888,
32.2555)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A791
RGB	166, 167, 145
RGB Percent	65%, 65%, 57%
CMY	0.3490, 0.3451, 0.4314
CMYK	0.01, 0.00, 0.13, 0.35
HSL	63°, 11%, 61%
HSV	63°, 13%, 65%
XYZ	34.6554, 37.7888, 32.2555
YIQ	164.1930, 6.4660, -7.0540

Conversions

Conversions Part 2

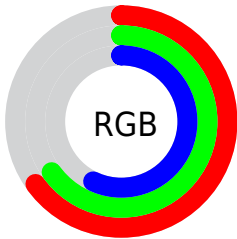
Format	Color
RYB	145, 167, 146
Decimal	10921873
CIELab	67.86, -4.28, 11.27
CIELCh	68, 12.056, 110.811
Yxy	37.7888, 0.3310, 0.3609
Android (android.graphics.Color)	4289111953 (0xFFA6A791)
YUV	164.1930, -9.4621, 1.5847
Hunter-Lab	61.4726, -6.9470, 11.9206

Details

The XYZ color **34.6554, 37.7888, 32.2555** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9561, 29.1529, 40.6623**, and the grayscale version is **35.4208, 37.2655, 40.5821**.

A 20% lighter version of the original color is **66.2489, 71.7382, 64.3880**, and **15.1357, 16.6651, 13.2454** is the 20% darker color. If you saturate the color by 10%, you get **33.3023, 37.2304, 25.9570**, and if you desaturate by 10%, it is **36.2008, 38.4267, 39.5527**.

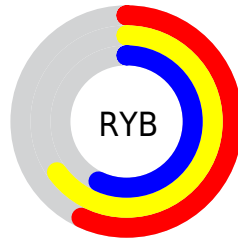
Distribution



Red (65%)

Green (65%)

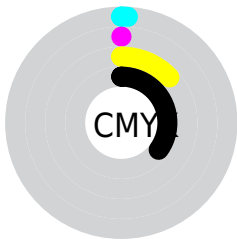
Blue (57%)



Red (57%)

Yellow (65%)

Blue (57%)

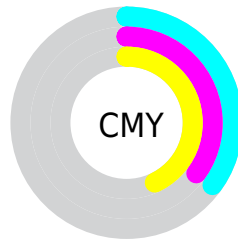


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6554, 37.7888, 32.2555 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 34.6554, 37.7888, 32.2555 by changing the saturation by 10% instead.


 34.6554, 37.7888,
32.2555


 34.6554, 37.7888,
32.2555


314.5794,
336.7131, 326.8100

 23.5628, 25.8188,
21.2903

 66.2891, 71.7843,
64.3140

 15.1326, 16.6881,
13.1431


 87.5610, 94.5786,
86.2443

 8.9994, 10.0124,
7.3952


112.9566,
121.7498, 112.6668

 4.7979, 5.4072,
3.6283

142.8415,
153.6823, 143.9999

 2.1627, 2.4881,
1.4237

177.5808,
190.7605, 180.6623

 0.7230, 0.8707,
0.1601

217.5400,

 0.0000, 0.0000,

233.3688, 223.0724

0.0000

263.0844,
281.8915, 271.6488

■ 34.6554, 37.7888,
32.2555

■ 34.6554, 37.7888,
32.2555

■ 33.3023, 37.2304,
25.9570

■ 36.2008, 38.4267,
39.5527

■ 32.1302, 36.7433,
20.6116

■ 37.9433, 39.1423,
47.8869

■ 31.1314, 36.3256,
16.1734

■ 39.8910, 39.9402,
57.2974

■ 30.2962, 35.9734,
12.5921

■ 42.0510, 40.8230,
67.8205

■ 29.6142, 35.6826,
9.8123

■ 44.4299, 41.7935,
79.4911

■ 29.0735, 35.4485,
7.7723

■ 47.0339, 42.8542,
92.3423

■ 28.6609, 35.2657,
6.4012

■ 48.7373, 43.5547,
100.4459

■ 28.3601, 35.1278,
5.6144

■ 48.9042, 43.6407,
100.4537

■ 28.1937, 35.0492,
5.2792

■ 49.0721, 43.7273,
100.4616

Harmonies

Analogous

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



36.4940, 37.7888, 31.7990



34.6554, 37.7888, 32.2555



33.2032, 37.7888, 34.9790

Triad

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



34.6554, 37.7888, 32.2555



33.6939, 37.7888, 49.6491



39.5827, 37.7888, 42.8110

Complementary

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



34.6554, 37.7888, 32.2555



28.9561, 29.1529, 40.6623

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.



38.7751, 37.7888, 47.9974



34.6554, 37.7888, 32.2555



35.3463, 37.7888, 52.1646

Square

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



34.6554, 37.7888, 32.2555



32.6616, 37.7888, 44.9116



37.2091, 37.7888, 51.5352



39.3821, 37.7888, 37.5962

Rectangle

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



34.6554, 37.7888, 32.2555



32.6289, 37.7888, 37.8547



37.2091, 37.7888, 51.5352



39.4191, 37.7888, 44.6219

Sweetspot

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



34.6564, 37.7905, 32.2563



64.5672, 68.7079, 69.5850



31.2863, 30.7364, 31.0724



14.4014, 15.3560, 15.3463



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.



34.6564, 37.7905, 32.2563



61.2727, 67.3496, 54.0643



32.4998, 36.6787, 32.1554



8.1125, 8.7561, 8.0518



21.5843, 26.8244, 4.0400



0.5351, 0.6578, 0.0988

Inverse Universe

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



28.9561, 29.1529, 40.6623



48.9182, 48.6288, 72.2833



30.9543, 30.1830, 40.7558



7.1623, 7.3163, 9.4530



5.4219, 2.1785, 28.1102



0.1415, 0.0580, 0.6844

Previews

White Background



This preview shows how the XYZ color 34.6554, 37.7888, 32.2555 looks on a white background.

Color Contrast Check

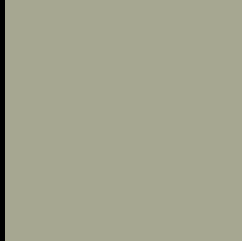
Large Text (above 18pt) WCAG AA × Fail

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 34.6554, 37.7888, 32.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

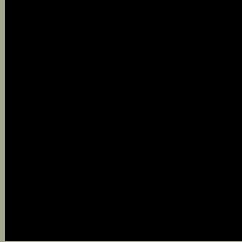
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

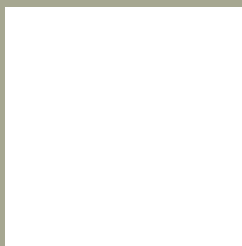
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6554, 37.7888, 32.2555

Background



This preview shows how black text looks on a background with the XYZ color 34.6554, 37.7888, 32.2555.



This preview shows how white text looks on a background with the XYZ color 34.6554, 37.7888,

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

34.6554, 37.7888, 32.2555

Protanopia

35.7228, 37.8081, 31.8005

Deuteranopia

38.4036, 37.5942, 32.8361



Tritanopia

37.4126, 37.8356, 45.8886

Trichromacy



Original Color

34.6554, 37.7888, 32.2555

Protanomaly

35.2478, 37.8321, 31.8301

Deuteranomaly

36.9310, 37.6193, 32.5089

Tritanomaly

36.3385, 37.6663, 40.4770

Monochromacy



Original Color

34.6554, 37.7888, 32.2555

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0580, 37.3439, 37.2586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6554, 37.7888, 32.2555 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(166, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(166, 167, 145)  
}
```

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(166, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 167, 145) }
```

Border

The CSS property to change the border of an element to XYZ 34.6554, 37.7888, 32.2555 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(166, 167, 145) }
```


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

```
.border{ border-color:rgb(166, 167, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 167, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 167, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 167, 145);  
box-shadow:4px 4px 4px 4px rgb(166, 167,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6554, 37.7888, 32.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 167, 145) }
```

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

```
.background{ background-color: rgb(166,  
167, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor