

Converting Colors

XYZ(35.6687, 35.6180, 34.2735)

Have a look what the booklet for
XYZ(35.6687, 35.6180, 34.2735)
contains.

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Color

**XYZ(35.7743, 35.6954,
34.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	B19D97
RGB	177, 157, 151
RGB Percent	69%, 62%, 59%
CMY	0.3059, 0.3843, 0.4078
CMYK	0.00, 0.11, 0.15, 0.31
HSL	14°, 14%, 64%
HSV	14°, 15%, 69%
XYZ	35.7743, 35.6954, 34.2825
YIQ	162.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

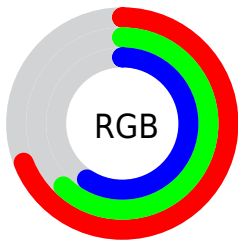
Format	Color
RYB	177, 159, 151
Decimal	11640215
CIELab	66.29, 6.32, 5.81
CIElCh	66, 8.588, 42.592
Yxy	35.6954, 0.3383, 0.3375
Android (android.graphics.Color)	4289830295 (0xFFB19D97)
YUV	162.2960, -5.5689, 12.8954
Hunter-Lab	59.7456, 2.3268, 7.8009

Details

The XYZ color **35.7743, 35.6954, 34.2825** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2609, 38.8785, 47.2411**, and the grayscale version is **34.5030, 36.2998, 39.5305**.

A 20% lighter version of the original color is **68.1672, 68.8184, 67.4481**, and **15.7665, 15.5133, 14.2200** is the 20% darker color. If you saturate the color by 10%, you get **32.2673, 30.8116, 26.5460**, and if you desaturate by 10%, it is **39.7557, 41.1820, 43.2427**.

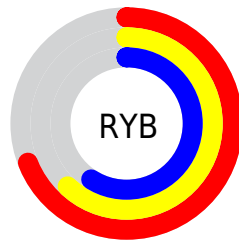
Distribution



Red (69%)

Green (62%)

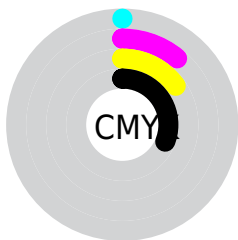
Blue (59%)



Red (69%)

Yellow (62%)

Blue (59%)

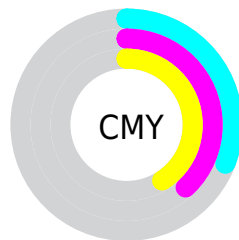


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7743, 35.6954, 34.2825 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 35.7743, 35.6954, 34.2825 by changing the saturation by 10% instead.


 35.7743, 35.6954,
34.2825


 35.7743, 35.6954,
34.2825

319.4214,
327.6272, 336.1974

 24.4292, 24.1990,
22.8316


 68.0097, 68.5617,
67.5116

 15.7788, 15.4813,
14.2651


 89.6308, 90.7004,
90.1270

 9.4576, 9.1579,
8.1644


115.4079,
117.1553, 117.3008

 5.1003, 4.8443,
4.1111

145.7064,
148.3108, 149.4518

 2.3416, 2.1562,
1.6865

180.8916,
184.5514, 186.9984

 0.8158, 0.6960,
0.3514

221.3290,

 0.0000, 0.0000,

226.2614, 230.3592

0.0000

267.3838,
273.8252, 279.9527

■ 35.7743, 35.6954,
34.2825

■ 35.7743, 35.6954,
34.2825

■ 32.2673, 30.8116,
26.5460

■ 39.7557, 41.1820,
43.2427

■ 29.2140, 26.5052,
19.9778

■ 44.2256, 47.2863,
53.4745

■ 26.5959, 22.7560,
14.5214

■ 49.2011, 54.0283,
65.0257

■ 24.3928, 19.5410,
10.1145

■ 54.6976, 61.4262,
77.9412

■ 22.5822, 16.8351,
6.6891

■ 60.7298, 69.4970,
92.2636

■ 21.1396, 14.6116,
4.1687

■ 66.9553, 78.1146,
106.1564

■ 20.0376, 12.8409,
2.4655

■ 71.0849, 86.3739,
107.5330

■ 19.2441, 11.4899,
1.4734

■ 71.9416, 88.0872,
107.8185

■ 18.9200, 10.9241,
1.1114

Harmonies

Analogous

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



36.3899, 35.6954, 37.3478



35.7743, 35.6954, 34.2825



34.6701, 35.6954, 32.5129

Triad

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



35.7743, 35.6954, 34.2825



31.6297, 35.6954, 36.7926



34.4675, 35.6954, 46.1696

Complementary

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



35.7743, 35.6954, 34.2825



35.2609, 38.8785, 47.2411

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.



33.1954, 35.6954, 45.9976



35.7743, 35.6954, 34.2825



31.5786, 35.6954, 40.4253

Square

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



35.7743, 35.6954, 34.2825



32.2867, 35.6954, 33.8982



32.1452, 35.6954, 43.8413



35.6228, 35.6954, 44.2974

Rectangle

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



35.7743, 35.6954, 34.2825



33.8161, 35.6954, 32.2331



32.1452, 35.6954, 43.8413



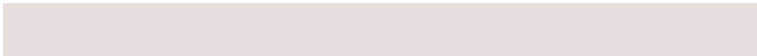
34.0390, 35.6954, 46.3521

Sweetspot

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



35.7753, 35.6970, 34.2833



71.6718, 74.4011, 78.5159



36.5841, 34.4350, 43.4303



15.4108, 15.9571, 16.7393



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.



35.7753, 35.6970, 34.2833



61.7026, 60.6436, 56.1377



38.0238, 40.1940, 35.0328



8.6503, 8.8132, 8.8977



13.7476, 7.9938, 0.8184



0.4773, 0.3409, 0.0406

Inverse Universe

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



35.2609, 38.8785, 47.2411



60.5817, 67.5668, 84.3440



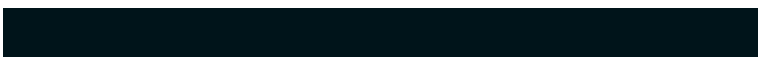
32.9882, 34.3331, 46.4835



8.5730, 9.2922, 10.8481



12.1896, 15.1796, 32.4245



0.4243, 0.5591, 1.0338

Previews

White Background



This preview shows how the XYZ color 35.7743, 35.6954, 34.2825 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 35.7743, 35.6954, 34.2825 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 35.7743, 35.6954, 34.2825

Background



This preview shows how black text looks on a background with the XYZ color 35.7743, 35.6954, 34.2825.



This preview shows how white text looks on a background with the XYZ color 35.7743, 35.6954,

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

35.7743, 35.6954, 34.2825

Protanopia

34.2205, 35.8966, 35.2621

Deuteranopia

36.5304, 35.8351, 34.2697



Tritanopia

37.2868, 35.8164, 41.5072

Trichromacy



Original Color

35.7743, 35.6954, 34.2825

Protanomaly

34.8159, 35.9547, 34.8107

Deuteranomaly

36.2968, 35.7146, 34.2587

Tritanomaly

36.6816, 35.8151, 38.6979

Monochromacy



Original Color

35.7743, 35.6954, 34.2825

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6787, 35.8257, 37.4350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7743, 35.6954, 34.2825 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(177, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(177, 157, 151)  
}
```

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(177, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 157, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.7743, 35.6954, 34.2825 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(177, 157, 151) }
```


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

```
.border{ border-color:rgb(177, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(177, 157,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7743, 35.6954, 34.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 157, 151) }
```

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

```
.background{ background-color: rgb(177,  
157, 151) }
```

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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