

Converting Colors

XYZ(32.1165, 34.0700, 35.0219)

Have a look what the booklet for
XYZ(32.1165, 34.0700, 35.0219)
contains.

XYZ(32.0772, 34.0227, 35.0134)	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(32.0772, 34.0227,
35.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9E99
RGB	158, 158, 153
RGB Percent	62%, 62%, 60%
CMY	0.3804, 0.3804, 0.4000
CMYK	0.00, 0.00, 0.03, 0.38
HSL	60°, 3%, 61%
HSV	60°, 3%, 62%
XYZ	32.0772, 34.0227, 35.0134
YIQ	157.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

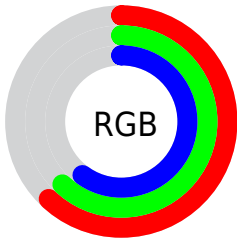
Format	Color
RYB	153, 158, 153
Decimal	10395289
CIELab	64.98, -0.94, 2.60
CIElCh	65, 2.765, 109.860
Yxy	34.0227, 0.3172, 0.3365
Android (android.graphics.Color)	4288585369 (0xFF9E9E99)
YUV	157.4300, -2.1840, 0.4999
Hunter-Lab	58.3290, -3.9122, 5.2400

Details

The XYZ color **32.0772, 34.0227, 35.0134** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7009, 32.0243, 36.9126**, and the grayscale version is **32.2514, 33.9310, 36.9508**.

A 20% lighter version of the original color is **62.4973, 66.2396, 68.5230**, and **13.7194, 14.6005, 14.6655** is the 20% darker color. If you saturate the color by 10%, you get **30.8564, 33.5353, 28.5892**, and if you desaturate by 10%, it is **33.4727, 34.5822, 42.3494**.

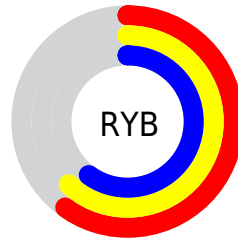
Distribution



Red (62%)

Green (62%)

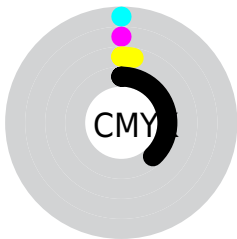
Blue (60%)



Red (60%)

Yellow (62%)

Blue (60%)

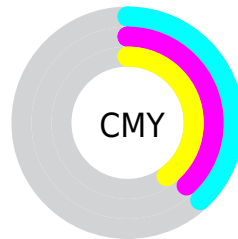


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0772, 34.0227, 35.0134 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 32.0772, 34.0227, 35.0134 by changing the saturation by 10% instead.

■ 32.0772, 34.0227,
35.0134

■ 32.0772, 34.0227,
35.0134

303.2098,
320.2333, 339.5335

■ 21.5763, 22.9110,
23.3896

■ 62.2965, 65.9690,
68.6583

■ 13.6608, 14.5278,
14.6734

■ 82.7456, 87.5724,
91.5165

■ 7.9652, 8.4887,
8.4464

107.2414,
113.4418, 118.9565

■ 4.1243, 4.4092,
4.2901

136.1494,
143.9617, 151.3970

■ 1.7727, 1.9050,
1.7858

169.8349,
179.5163, 189.2564

■ 0.5011, 0.5514,
0.4186

208.6632,

■ 0.0000, 0.0000,

220.4902, 232.9532

0.0000

252.9997,
267.2677, 282.9061

■ 32.0772, 34.0227,
35.0134

■ 32.0772, 34.0227,
35.0134

■ 30.8564, 33.5353,
28.5892

■ 33.4727, 34.5822,
42.3494

■ 29.8009, 33.1129,
23.0389

■ 35.0465, 35.2119,
50.6284

■ 28.9042, 32.7540,
18.3256

■ 36.8055, 35.9157,
59.8830

■ 28.1588, 32.4557,
14.4087

■ 38.7556, 36.6959,
70.1436

■ 27.5562, 32.2145,
11.2441

■ 40.9023, 37.5548,
81.4392

■ 27.0874, 32.0267,
8.7837

■ 43.2508, 38.4943,
93.7977

■ 26.7421, 31.8884,
6.9737

■ 44.3896, 38.9500,
99.7863

■ 26.5086, 31.7949,
5.7526

■ 44.3912, 38.9509,
99.7863

■ 26.3730, 31.7404,
5.0470

■ 44.3928, 38.9517,
99.7864

Harmonies

Analogous

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



32.4730, 34.0227, 34.9205



32.0772, 34.0227, 35.0134



31.7537, 34.0227, 35.6443

Triad

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



32.0772, 34.0227, 35.0134



31.8447, 34.0227, 38.7529



33.0999, 34.0227, 37.4337

Complementary

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



32.0772, 34.0227, 35.0134



30.7009, 32.0243, 36.9126

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.



32.9286, 34.0227, 38.4818



32.0772, 34.0227, 35.0134



32.2025, 34.0227, 39.2538

Square

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



32.0772, 34.0227, 35.0134



31.6202, 34.0227, 37.7976



32.5993, 34.0227, 39.1536



33.0657, 34.0227, 36.3023

Rectangle

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



32.0772, 34.0227, 35.0134



31.6215, 34.0227, 36.2924



32.5993, 34.0227, 39.1536



33.0644, 34.0227, 37.8079

Sweetspot

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



32.0782, 34.0242, 35.0141



58.7675, 61.9913, 66.3000



31.2426, 32.3523, 34.7355



13.2524, 13.9772, 14.9645



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.0782, 34.0242, 35.0141



58.0356, 61.6985, 62.4506



31.5916, 33.7733, 34.9914



7.3014, 7.7728, 7.7896



21.0727, 25.4001, 3.7921



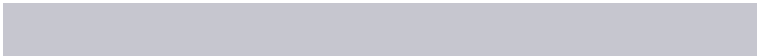
0.3769, 0.4542, 0.0678

Inverse Universe

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



30.7009, 32.0243, 36.9126



54.8333, 57.0485, 66.8649



31.1775, 32.2700, 36.9350



6.8452, 7.1105, 8.4184



4.9437, 1.9776, 26.0284



0.0885, 0.0354, 0.4654

Previews

White Background



This preview shows how the XYZ color 32.0772, 34.0227, 35.0134 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 32.0772, 34.0227, 35.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

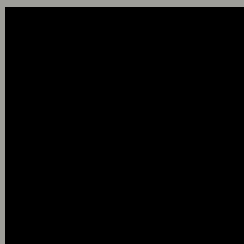
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

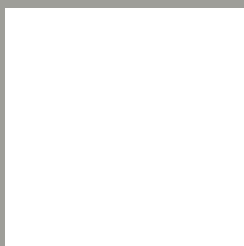
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0772, 34.0227, 35.0134

Background



This preview shows how black text looks on a background with the XYZ color 32.0772, 34.0227, 35.0134.



This preview shows how white text looks on a background with the XYZ color 32.0772, 34.0227,

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

32.0772, 34.0227, 35.0134

Protanopia

32.6248, 34.0623, 34.5609

Deuteranopia

34.5165, 33.7882, 35.2744



Tritanopia

33.4536, 34.0777, 41.8602

Trichromacy



Original Color

32.0772, 34.0227, 35.0134

Protanomaly

32.4224, 33.9580, 34.5515

Deuteranomaly

33.5368, 33.7691, 35.3224

Tritanomaly

32.9659, 34.1292, 39.5004

Monochromacy



Original Color

32.0772, 34.0227, 35.0134

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.9623, 33.6823, 36.2692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0772, 34.0227, 35.0134 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(158, 158, 153) looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 153)  
}
```

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(158, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.0772, 34.0227, 35.0134 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(158, 158, 153) }
```


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

```
.border{ border-color:rgb(158, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0772, 34.0227, 35.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 153) }
```

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

```
.background{ background-color: rgb(158,  
158, 153) }
```

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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