

Converting Colors

XYZ(32.6866, 34.5988, 37.6139)

Have a look what the booklet for
XYZ(32.6866, 34.5988, 37.6139)
contains.

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Color

**XYZ(32.7567, 34.5686,
37.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9F9F
RGB	158, 159, 159
RGB Percent	62%, 62%, 62%
CMY	0.3804, 0.3765, 0.3765
CMYK	0.01, 0.00, 0.00, 0.38
HSL	180°, 1%, 62%
HSV	180°, 1%, 62%
XYZ	32.7567, 34.5686, 37.7468
YIQ	158.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	158, 159, 159
Decimal	10395551
CIE Lab	65.41, -0.36, -0.13
CIE LCh	65, 0.380, 200.585
Yxy	34.5686, 0.3118, 0.3290
Android (android.graphics.Color)	4288585631 (0xFF9E9F9F)
YUV	158.7010, 0.1474, -0.6148
Hunter-Lab	58.7951, -3.4430, 3.0920

Details

The XYZ color **32.7567, 34.5686, 37.7468** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6978, 34.2942, 37.2456**, and the grayscale version is **32.8185, 34.5276, 37.6006**.

A 20% lighter version of the original color is **63.6247, 67.0943, 73.2154**, and **14.1327, 14.9336, 16.3250** is the 20% darker color. If you saturate the color by 10%, you get **29.8256, 33.0590, 37.5897**, and if you desaturate by 10%, it is **36.0945, 36.2898, 37.9244**.

Distribution



Red (62%)

Green (62%)

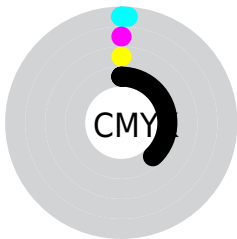
Blue (62%)



Red (62%)

Yellow (62%)

Blue (62%)



Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7567, 34.5686, 37.7468 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 32.7567, 34.5686, 37.7468 by changing the saturation by 10% instead.

■ 32.7567, 34.5686,
37.7468

■ 32.7567, 34.5686,
37.7468

306.2364,
322.6600, 351.7981

■ 22.0985, 23.3308,
25.4859

■ 63.3527, 66.8169,
72.9190

■ 14.0463, 14.8379,
16.2171

■ 84.0212, 88.5962,
96.6674

■ 8.2348, 8.7057,
9.5219

108.7572,
114.6580, 125.0821

■ 4.2986, 4.5497,
4.9817

137.9260,
145.3869, 158.5815

■ 1.8724, 1.9856,
2.1780

171.8929,
181.1671, 197.5843

■ 0.5607, 0.5991,
0.6616

211.0234,

■ 0.0000, 0.0000,

222.3831, 242.5090

0.0000

255.6828,
269.4193, 293.7741

■ 32.7567, 34.5686,
37.7468

■ 32.7567, 34.5686,
37.7468

■ 29.8256, 33.0590,
37.5897

■ 36.0945, 36.2898,
37.9244

■ 27.2827, 31.7486,
37.4500

■ 39.8506, 38.2257,
38.1209

■ 25.1128, 30.6304,
37.3278

■ 44.0398, 40.3849,
38.3376

■ 23.2983, 29.6954,
37.2222

■ 48.6754, 42.7741,
38.5752

■ 21.8201, 28.9338,
37.1324

■ 53.7700, 45.4000,
38.8344

■ 20.6575, 28.3350,
37.0574

■ 59.3358, 48.2688,
39.1156

■ 19.7877, 27.8870,
36.9960

■ 59.9247, 48.5720,
39.1638

■ 19.1843, 27.5764,
36.9472

■ 59.9287, 48.5736,
39.1848

■ 18.8167, 27.3873,
36.9094

■ 59.9326, 48.5752,
39.2057

Harmonies

Analogous

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



32.7513, 34.5686, 37.5894



32.7567, 34.5686, 37.7468



32.7888, 34.5686, 37.8757

Triad

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



32.7567, 34.5686, 37.7468



32.9389, 34.5686, 37.8335



32.8739, 34.5686, 37.3389

Complementary

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



32.7567, 34.5686, 37.7468



32.6978, 34.2942, 37.2456

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.



32.9242, 34.5686, 37.4039



32.7567, 34.5686, 37.7468



32.9617, 34.5686, 37.6893

Square

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



32.7567, 34.5686, 37.7468



32.8939, 34.5686, 37.9259



32.9563, 34.5686, 37.5321



32.8189, 34.5686, 37.3542

Rectangle

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



32.7567, 34.5686, 37.7468



32.8210, 34.5686, 37.9281



32.9563, 34.5686, 37.5321



32.8919, 34.5686, 37.3521

Sweetspot

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



32.7577, 34.5701, 37.7476



59.0181, 62.0916, 67.6177



32.6745, 34.5372, 37.2925



13.3056, 13.9985, 15.2444



76.7382, 80.7346, 87.9200

Same Dimension

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



32.7577, 34.5701, 37.7476



58.4456, 61.7966, 67.5872



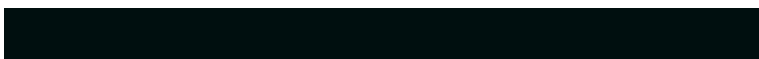
32.6747, 34.4038, 37.7211



7.3758, 7.7951, 8.5221



14.7043, 21.5497, 29.1296



0.2632, 0.3854, 0.5221

Inverse Universe

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



32.6978, 34.2942, 37.2456



58.2728, 61.0003, 66.1386



32.7804, 34.4598, 37.2719



7.3560, 7.7040, 8.3563



11.2953, 5.8227, 0.5403



0.2022, 0.1042, 0.0107

Previews

White Background



This preview shows how the XYZ color 32.7567, 34.5686, 37.7468 looks on a white background.

Color Contrast Check

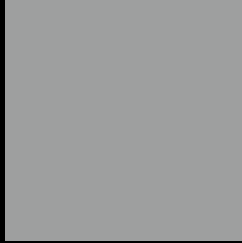
Large Text (above 18pt) WCAG AA × Fail

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 32.7567, 34.5686, 37.7468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

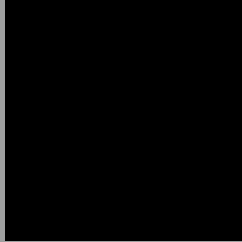
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

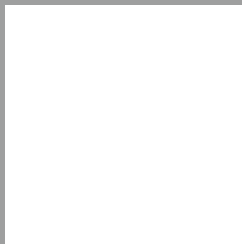
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7567, 34.5686, 37.7468

Background



This preview shows how black text looks on a background with the XYZ color 32.7567, 34.5686, 37.7468.



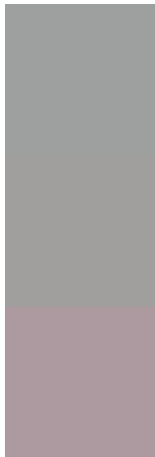
This preview shows how white text looks on a background with the XYZ color 32.7567, 34.5686,

37.7468.

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

32.7567, 34.5686, 37.7468

Protanopia

33.0964, 34.4994, 37.2624

Deuteranopia

35.1343, 34.5335, 38.0716



Tritanopia

33.8099, 34.4898, 42.9054

Trichromacy



Original Color

32.7567, 34.5686, 37.7468

Protanomaly

32.8956, 34.3959, 37.2530

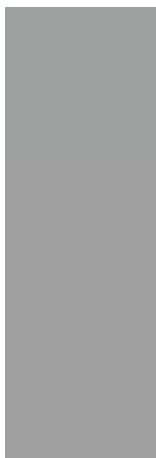
Deuteranomaly

34.3821, 34.6398, 38.1317

Tritanomaly

33.4079, 34.5778, 40.9898

Monochromacy



Original Color

32.7567, 34.5686, 37.7468

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9542, 34.6704, 37.7561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7567, 34.5686, 37.7468 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, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(158, 159, 159)  
}
```

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, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.7567, 34.5686, 37.7468 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, 159, 159) }
```

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

```
.border{ border-color:rgb(158, 159, 159) }
```

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

Here you see how a box with a 4 pixel rgb(158, 159, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(158, 159,  
159) }
```


Background

The CSS property to change the background color of an element to XYZ 32.7567, 34.5686, 37.7468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 159, 159) }
```

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

```
.background{ background-color: rgb(158,  
159, 159) }
```

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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