

Converting Colors

XYZ(34.0931, 35.6571, 37.4761)

Have a look what the booklet for
XYZ(34.0931, 35.6571, 37.4761)
contains.

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Color

**XYZ(34.2263, 35.8509,
37.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A19E
RGB	164, 161, 158
RGB Percent	64%, 63%, 62%
CMY	0.3569, 0.3686, 0.3804
CMYK	0.00, 0.02, 0.04, 0.36
HSL	30°, 3%, 63%
HSV	30°, 4%, 64%
XYZ	34.2263, 35.8509, 37.4637
YIQ	161.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

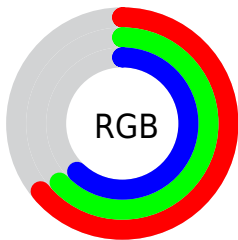
Format	Color
RYB	164, 164, 158
Decimal	10789278
CIELab	66.41, 0.52, 1.93
CIElCh	66, 2.003, 74.828
Yxy	35.8509, 0.3183, 0.3334
Android (android.graphics.Color)	4288979358 (0xFFA4A19E)
YUV	161.5550, -1.7526, 2.1443
Hunter-Lab	59.8756, -2.7476, 4.8157

Details

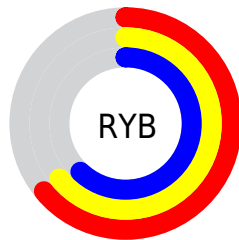
The XYZ color **34.2263, 35.8509, 37.4637** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5463, 35.4387, 40.1948**, and the grayscale version is **34.1425, 35.9206, 39.1176**.

A 20% lighter version of the original color is **65.7795, 68.9759, 72.7975**, and **14.9119, 15.6581, 16.1463** is the 20% darker color. If you saturate the color by 10%, you get **31.5231, 32.5547, 30.0566**, and if you desaturate by 10%, it is **37.2137, 39.4132, 45.8959**.

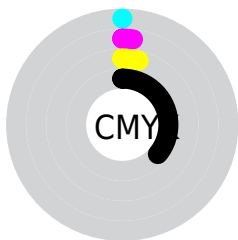
Distribution



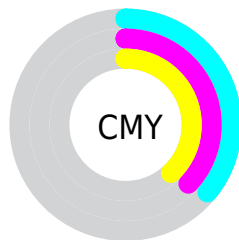
- Red (64%)
- Green (63%)
- Blue (62%)



- Red (64%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2263, 35.8509, 37.4637 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 34.2263, 35.8509, 37.4637 by changing the saturation by 10% instead.

■ 34.2263, 35.8509,
37.4637

■ 34.2263, 35.8509,
37.4637

312.7081,
328.3084, 350.5427

■ 23.2312, 24.3191,
25.2681

■ 65.6274, 68.8019,
72.4797

■ 14.8860, 15.5705,
16.0561

■ 86.7641, 90.9898,
96.1371

■ 8.8252, 9.2207,
9.4091

112.0121,
117.4985, 124.4523

■ 4.6835, 4.8854,
4.9085

141.7366,
148.7125, 157.8437

■ 2.0956, 2.1802,
2.1359

176.3032,
185.0161, 196.7299

■ 0.6868, 0.7092,
0.6370

216.0770,

■ 0.0000, 0.0000,

226.7937, 241.5295

0.0000

261.4236,
274.4296, 292.6609

■ 34.2263, 35.8509,
37.4637

■ 34.2263, 35.8509,
37.4637

■ 31.5231, 32.5547,
30.0566

■ 37.2137, 39.4132,
45.8959

■ 29.0920, 29.5133,
23.6327

■ 40.4911, 43.2433,
55.3883

■ 26.9243, 26.7216,
18.1505

■ 44.0678, 47.3486,
65.9772

■ 25.0094, 24.1724,
13.5649

■ 47.9517, 51.7350,
77.6965

■ 23.3364, 21.8580,
9.8266

■ 52.1506, 56.4082,
90.5786

■ 21.8930, 19.7704,
6.8820

■ 56.4452, 61.2829,
103.4615

■ 20.6660, 17.9009,
4.6708

■ 58.5218, 65.4361,
104.1537

■ 19.6401, 16.2399,
3.1243

■ 60.7035, 69.7995,
104.8810

■ 18.7977, 14.7766,
2.1601

■ 62.9917, 74.3759,
105.6437

Harmonies

Analogous

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



34.4857, 35.8509, 37.8832



34.2263, 35.8509, 37.4637



33.9279, 35.8509, 37.4612

Triad

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



34.2263, 35.8509, 37.4637



33.5210, 35.8509, 39.4596



34.4832, 35.8509, 40.2182

Complementary

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



34.2263, 35.8509, 37.4637



33.5463, 35.4387, 40.1948

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.



34.2229, 35.8509, 40.6534



34.2263, 35.8509, 37.4637



33.6680, 35.8509, 40.2110

Square

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



34.2263, 35.8509, 37.4637



33.5219, 35.8509, 38.6050



33.9246, 35.8509, 40.6507



34.6346, 35.8509, 39.4692

Rectangle

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



34.2263, 35.8509, 37.4637



33.7470, 35.8509, 37.6959



33.9246, 35.8509, 40.6507



34.4055, 35.8509, 40.4065

Sweetspot

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



34.2273, 35.8525, 37.4645



63.5079, 66.7366, 71.8599



33.9702, 34.9200, 38.6685



13.8909, 14.5981, 15.7292



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.



34.2273, 35.8525, 37.4645



61.9128, 64.8184, 67.4065



34.7574, 36.9126, 37.6412



7.6397, 7.9925, 8.2579



14.1048, 10.7834, 1.3380



0.3436, 0.3211, 0.0439

Inverse Universe

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



33.5463, 35.4387, 40.1948



60.5395, 63.9841, 72.9117



33.0287, 34.4037, 40.0223



7.4469, 7.8754, 9.0307



7.4944, 6.7683, 27.8412



0.2047, 0.2367, 0.6008

Previews

White Background



This preview shows how the XYZ color 34.2263, 35.8509, 37.4637 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 34.2263, 35.8509, 37.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

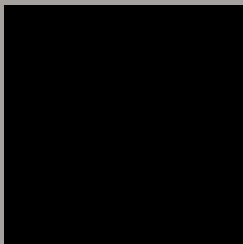
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

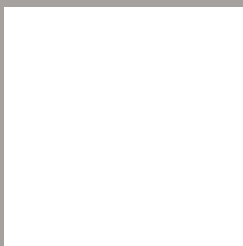
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2263, 35.8509, 37.4637

Background



This preview shows how black text looks on a background with the XYZ color 34.2263, 35.8509, 37.4637.



This preview shows how white text looks on a background with the XYZ color 34.2263, 35.8509,

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

34.2263, 35.8509, 37.4637

Protanopia

34.4335, 35.9577, 37.4734

Deuteranopia

36.5066, 35.7451, 37.7763



Tritanopia

35.4747, 35.8435, 43.5769

Trichromacy



Original Color

34.2263, 35.8509, 37.4637

Protanomaly

34.4335, 35.9577, 37.4734

Deuteranomaly

35.7184, 35.8412, 37.8364

Tritanomaly

34.9708, 35.8941, 41.1615

Monochromacy



Original Color

34.2263, 35.8509, 37.4637

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4576, 36.2004, 38.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2263, 35.8509, 37.4637 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(164, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(164, 161, 158)  
}
```

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(164, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 161, 158) }
```

Border

The CSS property to change the border of an element to XYZ 34.2263, 35.8509, 37.4637 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(164, 161, 158) }
```


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

```
.border{ border-color:rgb(164, 161, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 161, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 161, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 161,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2263, 35.8509, 37.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 161, 158) }
```

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

```
.background{ background-color: rgb(164,  
161, 158) }
```

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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