

Converting Colors

XYZ(34.4783, 36.1636, 46.5285)

Have a look what the booklet for
XYZ(34.4783, 36.1636, 46.5285)
contains.

XYZ(34.3737, 35.9835, 46.7288)	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(34.3737, 35.9835,
46.7288)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA2B1
RGB	155, 162, 177
RGB Percent	61%, 64%, 69%
CMY	0.3922, 0.3647, 0.3059
CMYK	0.12, 0.08, 0.00, 0.31
HSL	221°, 12%, 65%
HSV	221°, 12%, 69%
XYZ	34.3737, 35.9835, 46.7288
YIQ	161.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

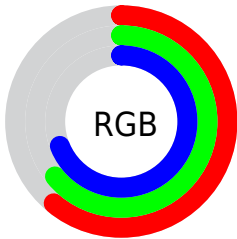
Format	Color
RYB	155, 160, 177
Decimal	10199729
CIELab	66.51, 0.60, -8.61
CIELCh	67, 8.626, 273.967
Yxy	35.9835, 0.2936, 0.3073
Android (android.graphics.Color)	4288389809 (0xFF9BA2B1)
YUV	161.6170, 7.5838, -5.8031
Hunter-Lab	59.9862, -2.6907, -4.1961

Details

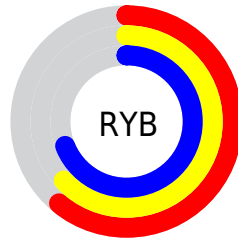
The XYZ color **34.3737, 35.9835, 46.7288** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4228, 40.4630, 36.7961**, and the grayscale version is **34.1331, 35.9107, 39.1068**.

A 20% lighter version of the original color is **66.0992, 69.2105, 86.9660**, and **14.9229, 15.5502, 21.2837** is the 20% darker color. If you saturate the color by 10%, you get **29.1982, 30.3108, 45.9072**, and if you desaturate by 10%, it is **40.2532, 42.3239, 47.6433**.

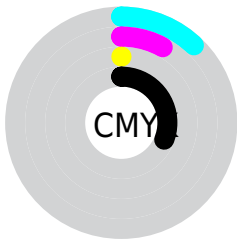
Distribution



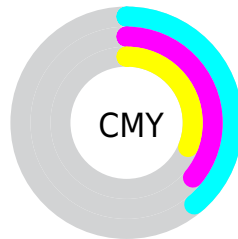
- Red (61%)
- Green (64%)
- Blue (69%)



- Red (61%)
- Yellow (63%)
- Blue (69%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3737, 35.9835, 46.7288 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 34.3737, 35.9835, 46.7288 by changing the saturation by 10% instead.

■ 34.3737, 35.9835,
46.7288

■ 34.3737, 35.9835,
46.7288

313.3518,
328.8884, 390.0933

■ 23.3451, 24.4215,
32.4685

■ 65.8548, 69.0066,
86.6544

■ 14.9706, 15.6465,
21.4518

■ 87.0380, 91.2364,
113.1568

■ 8.8849, 9.2744,
13.2602

112.3368,
117.7910, 144.5770

■ 4.7227, 4.9206,
7.4751

142.1165,
149.0547, 181.3334

■ 2.1186, 2.2007,
3.6781

176.7425,
185.4119, 223.8448

■ 0.6993, 0.7204,
1.4504

216.5802,

■ 0.0000, 0.0000,

227.2469, 272.5295

0.1806

261.9948,
274.9443, 327.8062

■ 0.0000, 0.0000,
0.0000

■ 34.3737, 35.9835,
46.7288

■ 34.3737, 35.9835,
46.7288

■ 29.1982, 30.3108,
45.9072

■ 40.2532, 42.3239,
47.6433

■ 24.6964, 25.2788,
45.1732

■ 46.8594, 49.3488,
48.6511

■ 20.8400, 20.8649,
44.5245

■ 54.2177, 57.0803,
49.7556

■ 17.5978, 17.0439,
43.9578

■ 62.3513, 65.5378,
50.9593

■ 14.9356, 13.7882,
43.4697

■ 71.2824, 74.7401,
52.2648

■ 12.8158, 11.0681,
43.0564

■ 78.7137, 83.5099,
53.5659

■ 11.1957, 8.8505,
42.7138

■ 82.2748, 90.6321,
54.7530

■ 10.0253, 7.0979,
42.4372

■ 84.9359, 95.9544,
55.6400

■ 9.3664, 6.0353,
42.2668

Harmonies

Analogous

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



33.1206, 35.9835, 45.9393



34.3737, 35.9835, 46.7288



35.6106, 35.9835, 45.3932

Triad

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



34.3737, 35.9835, 46.7288



36.3070, 35.9835, 35.3312



32.0135, 35.9835, 36.1344

Complementary

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



34.3737, 35.9835, 46.7288



38.4228, 40.4630, 36.7961

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.



32.8296, 35.9835, 33.5612



34.3737, 35.9835, 46.7288



35.3051, 35.9835, 33.1184

Square

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



34.3737, 35.9835, 46.7288



36.7444, 35.9835, 38.6889



34.0294, 35.9835, 32.4912



31.7782, 35.9835, 39.6751

Rectangle

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



34.3737, 35.9835, 46.7288



36.2535, 35.9835, 43.5238



34.0294, 35.9835, 32.4912



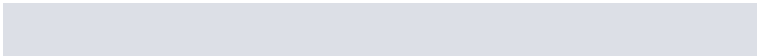
32.2280, 35.9835, 35.1351

Sweetspot

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



34.3748, 35.9850, 46.7296



70.2773, 73.8554, 85.0468



36.4646, 41.3032, 43.9162



15.0552, 15.8177, 18.4040



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.



34.3748, 35.9850, 46.7296



58.8168, 61.4550, 83.2573



33.8899, 33.9547, 46.3633



8.2554, 8.6570, 10.7422



6.8354, 4.4712, 30.6398



0.2690, 0.2485, 0.9820

Inverse Universe

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



36.3752, 35.3993, 39.0996



63.1492, 60.2620, 66.7160



38.9465, 42.7338, 37.2068



8.6041, 8.5484, 9.4137



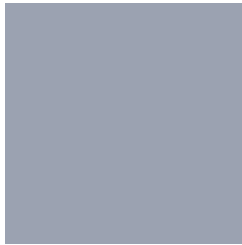
13.6848, 6.9915, 3.5004



0.4578, 0.2309, 0.2535

Previews

White Background



This preview shows how the XYZ color 34.3737, 35.9835, 46.7288 looks on a white background.

Color Contrast Check

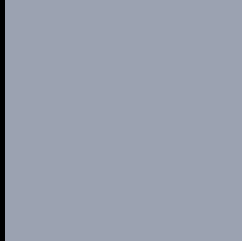
Large Text (above 18pt) WCAG AA × Fail

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 34.3737, 35.9835, 46.7288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

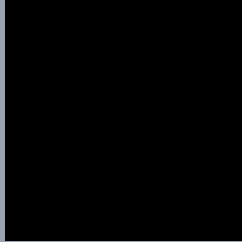
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3737, 35.9835, 46.7288

Background



This preview shows how black text looks on a background with the XYZ color 34.3737, 35.9835, 46.7288.



This preview shows how white text looks on a background with the XYZ color 34.3737, 35.9835,

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

34.3737, 35.9835, 46.7288

Protanopia

35.0785, 36.0979, 46.1931

Deuteranopia

36.6704, 35.8743, 47.1112



Tritanopia

34.1758, 35.9044, 45.6864

Trichromacy



Original Color

34.3737, 35.9835, 46.7288

Protanomaly

34.6819, 35.8934, 46.1745

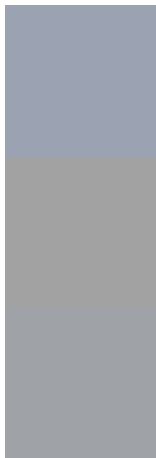
Deuteranomaly

35.9511, 36.0100, 47.1753

Tritanomaly

34.2744, 35.9438, 46.2057

Monochromacy



Original Color

34.3737, 35.9835, 46.7288

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1935, 36.0016, 41.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3737, 35.9835, 46.7288 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(155, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 177)  
}
```

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(155, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 177) }
```

Border

The CSS property to change the border of an element to XYZ 34.3737, 35.9835, 46.7288 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(155, 162, 177) }
```


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

```
.border{ border-color:rgb(155, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(155, 162,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3737, 35.9835, 46.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 177) }
```

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

```
.background{ background-color: rgb(155,  
162, 177) }
```

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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