

Converting Colors

XYZ(35.4061, 36.0961, 6.3777)

Have a look what the booklet for
XYZ(35.4061, 36.0961, 6.3777)
contains.

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Color

**XYZ(35.3303, 36.0832,
6.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	C59D1F
RGB	197, 157, 31
RGB Percent	77%, 62%, 12%
CMY	0.2275, 0.3843, 0.8784
CMYK	0.00, 0.20, 0.84, 0.23
HSL	46°, 73%, 45%
HSV	46°, 84%, 77%
XYZ	35.3303, 36.0832, 6.3990
YIQ	154.5960, 64.2860, -30.7060

Conversions

Conversions Part 2

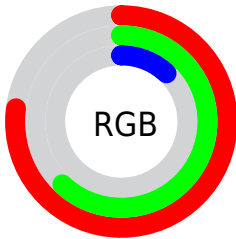
Format	Color
RYB	84, 197, 31
Decimal	12950815
CIELab	66.58, 3.54, 64.63
CIElCh	67, 64.724, 86.862
Yxy	36.0832, 0.4540, 0.4637
Android (android.graphics.Color)	4291140895 (0xFFC59D1F)
YUV	154.5960, -60.9328, 37.1883
Hunter-Lab	60.0693, -0.1349, 35.7325

Details

The XYZ color **35.3303, 36.0832, 6.3990** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **12.8965, 8.8291, 53.8475**, and the grayscale version is **31.2189, 32.8447, 35.7679**.

A 20% lighter version of the original color is **66.3374, 68.5698, 19.1901**, and **15.6353, 15.7113, 2.2085** is the 20% darker color. If you saturate the color by 10%, you get **34.3583, 34.4357, 5.1619**, and if you desaturate by 10%, it is **36.4936, 37.8600, 8.4824**.

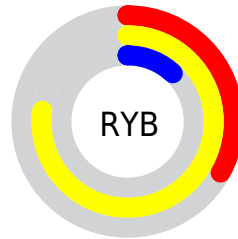
Distribution



Red (77%)

Green (62%)

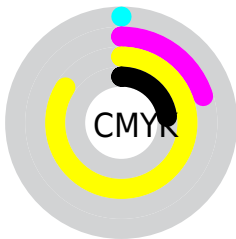
Blue (12%)



Red (33%)

Yellow (77%)

Blue (12%)

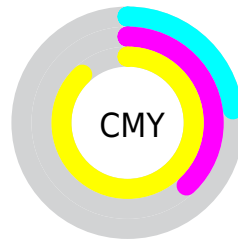


Cyan (0%)

Magenta (20%)

Yellow (84%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3303, 36.0832, 6.3990 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 35.3303, 36.0832, 6.3990 by changing the saturation by 10% instead.


 35.3303, 36.0832,
6.3990


 35.3303, 36.0832,
6.3990


317.5064,
329.3240, 172.0089


 24.0851, 24.4985,
3.0165

 67.3278, 69.1605,
19.2454


 15.5219, 15.7038,
1.1031


 88.8108, 91.4218,
29.5463

 9.2751, 9.3148,
0.0000


 114.4372,
118.0107, 42.9905

 4.9796, 4.9471,
0.0000

 144.5722,
149.3117, 59.9965

 2.2699, 2.2162,
0.0000

 179.5813,
185.7092, 80.9828

 0.7792, 0.7288,
0.0000

 219.8298,

 0.0000, 0.0000,

227.5874, 106.3679

0.0000

265.6831,
275.3309, 136.5704

■ 35.3303, 36.0832,
6.3990

■ 35.3303, 36.0832,
6.3990

■ 34.3583, 34.4357,
5.1619

■ 36.4936, 37.8600,
8.4824

■ 33.8581, 33.5347,
4.6883

■ 37.8712, 39.7716,
11.5425

■ 39.4850, 41.8286,
15.6892

■ 41.3534, 44.0391,
21.0174

■ 43.4926, 46.4099,
27.6114

■ 45.9176, 48.9476,
35.5478

■ 48.6419, 51.6582,
44.8972

■ 51.6784, 54.5473,
55.7251

■ 55.0390, 57.6200,
68.0929

Harmonies

Analogous

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



45.5730, 36.0832, 9.3347



35.3303, 36.0832, 6.3990



26.5184, 36.0832, 8.2543

Triad

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



35.3303, 36.0832, 6.3990



20.1675, 36.0832, 68.8101



52.4673, 36.0832, 76.4581

Complementary

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



35.3303, 36.0832, 6.3990



12.8965, 8.8291, 53.8475

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.



43.4625, 36.0832, 109.0877



35.3303, 36.0832, 6.3990



25.0520, 36.0832, 103.3958

Square

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



35.3303, 36.0832, 6.3990



18.8023, 36.0832, 36.4280



33.2821, 36.0832, 120.7417



56.5725, 36.0832, 42.2949

Rectangle

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



35.3303, 36.0832, 6.3990



22.3759, 36.0832, 12.8609



33.2821, 36.0832, 120.7417



49.8387, 36.0832, 88.4890

Sweetspot

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



35.3311, 36.0850, 6.3997



81.7258, 87.1411, 61.9471



24.7022, 13.3250, 7.4876



17.1527, 18.2999, 12.1345



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.3311, 36.0850, 6.3997



60.4342, 59.6483, 8.3281



33.8275, 47.0495, 8.5953



11.2990, 11.9672, 11.2771



22.3377, 22.1926, 3.1063



1.1113, 1.1581, 0.1650

Inverse Universe

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



12.8965, 8.8291, 53.8475



19.7423, 10.6046, 95.6141



13.2784, 6.4087, 53.3602



10.2608, 10.6956, 13.4411



7.3649, 4.1237, 35.1521



0.4072, 0.3123, 1.6840

Previews

White Background



This preview shows how the XYZ color 35.3303, 36.0832, 6.3990 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 35.3303, 36.0832, 6.3990 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 35.3303, 36.0832, 6.3990

Background



This preview shows how black text looks on a background with the XYZ color 35.3303, 36.0832, 6.3990.



This preview shows how white text looks on a background with the XYZ color 35.3303, 36.0832,

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

35.3303, 36.0832, 6.3990

Protanopia

32.8863, 36.3659, 6.6525

Deuteranopia

36.7320, 36.0584, 6.4628



Tritanopia

41.5415, 35.9712, 36.6520

Trichromacy



Original Color

35.3303, 36.0832, 6.3990

Protanomaly

33.7446, 36.2854, 6.5917

Deuteranomaly

36.0695, 35.9645, 6.4073

Tritanomaly

38.1327, 35.5169, 19.8846

Monochromacy



Original Color

35.3303, 36.0832, 6.3990

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.2805, 33.4488, 19.5594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3303, 36.0832, 6.3990 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(197, 157, 31)` looks like.

```
.text, #text, p{  
    color:rgb(197, 157, 31)  
}
```

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(197, 157, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 157, 31) }
```

Border

The CSS property to change the border of an element to XYZ 35.3303, 36.0832, 6.3990 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(197, 157, 31) }
```


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

```
.border{ border-color:rgb(197, 157, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 157, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 157, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 157, 31);  
box-shadow:4px 4px 4px 4px rgb(197, 157,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3303, 36.0832, 6.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 157, 31) }
```

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

```
.background{ background-color: rgb(197,  
157, 31) }
```

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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