

Converting Colors

XYZ(32.4408, 35.5156, 10.9397)

Have a look what the booklet for
XYZ(32.4408, 35.5156, 10.9397)
contains.

XYZ(32.4408, 35.5156, 10.9397)	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(32.4408, 35.5156,
10.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A146
RGB	179, 161, 70
RGB Percent	70%, 63%, 27%
CMY	0.2980, 0.3686, 0.7255
CMYK	0.00, 0.10, 0.61, 0.30
HSL	50°, 44%, 49%
HSV	50°, 61%, 70%
XYZ	32.4408, 35.5156, 10.9397
YIQ	156.0080, 39.9390, -24.4850

Conversions

Conversions Part 2

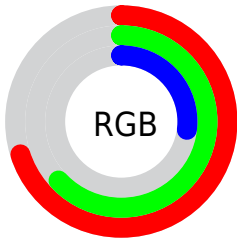
Format	Color
RYB	92, 179, 70
Decimal	11772230
CIELab	66.15, -4.66, 48.66
CIELCh	66, 48.880, 95.472
Yxy	35.5156, 0.4112, 0.4502
Android (android.graphics.Color)	4289962310 (0xFFB3A146)
YUV	156.0080, -42.4019, 20.1640
Hunter-Lab	59.5950, -7.1239, 30.8328

Details

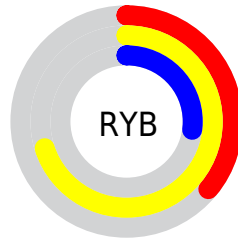
The XYZ color **32.4408, 35.5156, 10.9397** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.1522, 11.5359, 44.1285**, and the grayscale version is **31.7751, 33.4299, 36.4051**.

A 20% lighter version of the original color is **62.9938, 68.5214, 28.3182**, and **13.8378, 15.4002, 2.7334** is the 20% darker color. If you saturate the color by 10%, you get **31.4478, 34.3031, 8.2246**, and if you desaturate by 10%, it is **33.6161, 36.8232, 14.5472**.

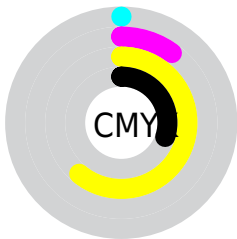
Distribution



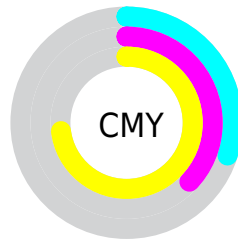
- Red (70%)
- Green (63%)
- Blue (27%)



- Red (36%)
- Yellow (70%)
- Blue (27%)



- Cyan (0%)
- Magenta (10%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4408, 35.5156, 10.9397 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 32.4408, 35.5156, 10.9397 by changing the saturation by 10% instead.

■ 32.4408, 35.5156,
10.9397

■ 32.4408, 35.5156,
10.9397

304.8321,
326.8383, 207.9760

■ 21.8556, 24.0603,
5.9126

■ 62.8620, 68.2837,
28.1836

■ 13.8668, 15.3784,
2.7241

■ 83.4288, 90.3654,
41.2374

■ 8.1092, 9.0854,
0.9555

■ 108.0534,
116.7580, 57.8040

■ 4.2173, 4.7969,
0.0000

■ 137.1012,
147.8459, 78.3018

■ 1.8258, 2.1286,
0.0000

■ 170.9377,
184.0134, 103.1493

■ 0.5331, 0.6806,
0.0000

209.9281,

■ 0.0000, 0.0000,

225.6451, 132.7652

0.0000

254.4377,
273.1253, 167.5679

■ 32.4408, 35.5156,
10.9397

■ 32.4408, 35.5156,
10.9397

■ 31.4478, 34.3031,
8.2246

■ 33.6161, 36.8232,
14.5472

■ 30.6191, 33.1744,
6.3182

■ 34.9848, 38.2265,
19.1164

■ 29.9370, 32.1236,
5.1248

■ 36.5601, 39.7323,
24.7124

■ 29.4087, 31.2204,
4.4761

■ 38.3532, 41.3451,
31.3939

■ 40.3745, 43.0692,
39.2152

■ 42.6337, 44.9086,
48.2268

■ 45.1398, 46.8672,
58.4764

■ 47.9015, 48.9484,
70.0089

■ 50.9270, 51.1556,
82.8670

Harmonies

Analogous

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



39.8989, 35.5156, 12.4856



32.4408, 35.5156, 10.9397



26.2765, 35.5156, 14.3701

Triad

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



32.4408, 35.5156, 10.9397



23.6034, 35.5156, 66.8680



48.1389, 35.5156, 57.7860

Complementary

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



32.4408, 35.5156, 10.9397



14.1522, 11.5359, 44.1285

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.



42.5363, 35.5156, 81.2990



32.4408, 35.5156, 10.9397



28.2793, 35.5156, 87.7274

Square

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



32.4408, 35.5156, 10.9397



21.6652, 35.5156, 42.6156



35.1073, 35.5156, 93.7843



49.6724, 35.5156, 34.9766

Rectangle

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



32.4408, 35.5156, 10.9397



23.4994, 35.5156, 20.1269



35.1073, 35.5156, 93.7843



46.6333, 35.5156, 66.0920

Sweetspot

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



32.4416, 35.5173, 10.9404



69.5868, 74.8279, 59.6520



22.5492, 14.6717, 10.9126



15.1957, 16.3857, 12.3715



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.4416, 35.5173, 10.9404



55.7951, 60.7443, 13.4361



28.4959, 38.4924, 11.7226



9.0753, 9.6630, 9.0394



20.8222, 22.1429, 3.1766



0.6869, 0.7601, 0.1105

Inverse Universe

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



14.1522, 11.5359, 44.1285



20.3092, 14.2919, 78.0694



16.3107, 10.7200, 43.8573



8.1516, 8.4494, 10.7076



6.1030, 3.0063, 30.3956



0.2266, 0.1638, 0.9679

Previews

White Background



This preview shows how the XYZ color 32.4408, 35.5156, 10.9397 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 32.4408, 35.5156, 10.9397 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 32.4408, 35.5156, 10.9397

Background



This preview shows how black text looks on a background with the XYZ color 32.4408, 35.5156, 10.9397.



This preview shows how white text looks on a background with the XYZ color 32.4408, 35.5156,

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

32.4408, 35.5156, 10.9397

Protanopia

32.4408, 35.5156, 10.9397

Deuteranopia

36.1141, 35.3925, 11.0589



Tritanopia

38.1710, 35.3424, 39.4603

Trichromacy



Original Color

32.4408, 35.5156, 10.9397

Protanomaly

32.4408, 35.5156, 10.9397

Deuteranomaly

34.7640, 35.4383, 10.9693

Tritanomaly

35.4510, 35.2180, 25.6982

Monochromacy



Original Color

32.4408, 35.5156, 10.9397

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2384, 33.8269, 24.2848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4408, 35.5156, 10.9397 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(179, 161, 70)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 70)  
}
```

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(179, 161, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 70) }
```

Border

The CSS property to change the border of an element to XYZ 32.4408, 35.5156, 10.9397 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(179, 161, 70) }
```


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

```
.border{ border-color:rgb(179, 161, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 70);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4408, 35.5156, 10.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 70) }
```

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

```
.background{ background-color: rgb(179,  
161, 70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor