

Converting Colors

XYZ(33.0893, 36.3656, 11.4062)

Have a look what the booklet for
XYZ(33.0893, 36.3656, 11.4062)
contains.

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Color

**XYZ(33.0893, 36.3656,
11.4062)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A348
RGB	180, 163, 72
RGB Percent	71%, 64%, 28%
CMY	0.2941, 0.3608, 0.7176
CMYK	0.00, 0.09, 0.60, 0.29
HSL	51°, 43%, 49%
HSV	51°, 60%, 71%
XYZ	33.0893, 36.3656, 11.4062
YIQ	157.7090, 39.3430, -24.6970

Conversions

Conversions Part 2

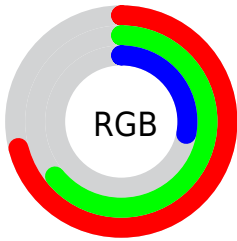
Format	Color
R_{YB}	92, 180, 72
Decimal	11838280
CIE Lab	66.80, -5.15, 48.47
CIE LCh	67, 48.748, 96.066
Yxy	36.3656, 0.4092, 0.4497
Android (android.graphics.Color)	4290028360 (0xFFB4A348)
YUV	157.7090, -42.2545, 19.5492
Hunter-Lab	60.3039, -7.5872, 30.9983

Details

The XYZ color **33.0893, 36.3656, 11.4062** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.4830, 11.8174, 44.6974**, and the grayscale version is **32.5412, 34.2359, 37.2829**.

A 20% lighter version of the original color is **63.9694, 69.7752, 29.1652**, and **14.2239, 15.9204, 2.9394** is the 20% darker color. If you saturate the color by 10%, you get **32.0889, 35.1711, 8.5878**, and if you desaturate by 10%, it is **34.2746, 37.6549, 15.1351**.

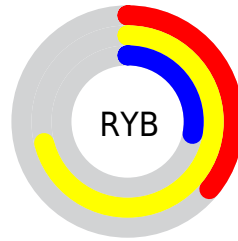
Distribution



Red (71%)

Green (64%)

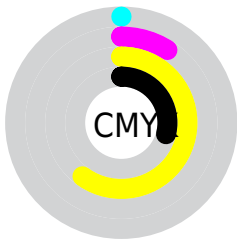
Blue (28%)



Red (36%)

Yellow (71%)

Blue (28%)

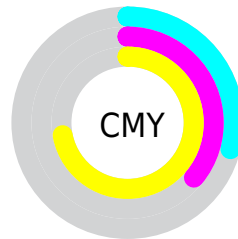


Cyan (0%)

Magenta (9%)

Yellow (60%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0893, 36.3656, 11.4062 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 33.0893, 36.3656, 11.4062 by changing the saturation by 10% instead.


 33.0893, 36.3656,
11.4062


 33.0893, 36.3656,
11.4062


307.7098,
330.5557, 211.2700

 22.3544, 24.7167,
6.2232


 63.8687, 69.5960,
29.0569


 14.2356, 15.8661,
2.9103


 84.6439, 91.9463,
42.3617


 8.3675, 9.4295,
1.0490


 109.4966,
118.6324, 59.2108

 4.3848, 5.0223,
0.0000

 138.7921,
150.0389, 80.0228

 1.9220, 2.2604,
0.0000

 172.8958,
186.5501, 105.2161

 0.5896, 0.7526,
0.0000

212.1731,

 0.0000, 0.0000,

228.5503, 135.2094

0.0000

256.9893,
276.4241, 170.4212

■ 33.0893, 36.3656,
11.4062

■ 33.0893, 36.3656,
11.4062

■ 32.0889, 35.1711,
8.5878

■ 34.2746, 37.6549,
15.1351

■ 31.2553, 34.0598,
6.5962

■ 35.6559, 39.0393,
19.8442

■ 30.5710, 33.0260,
5.3358

■ 37.2464, 40.5257,
25.5987

■ 29.9978, 32.0543,
4.6061

■ 39.0574, 42.1187,
32.4578

■ 29.9978, 32.0542,
4.6060

■ 41.0994, 43.8225,
40.4761

■ 43.3820, 45.6412,
49.7046

■ 45.9146, 47.5785,
60.1912

■ 48.7057, 49.6381,
71.9815

■ 51.7636, 51.8233,
85.1184

Harmonies

Analogous

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



40.6347, 36.3656, 12.8885



33.0893, 36.3656, 11.4062



26.8787, 36.3656, 15.0249

Triad

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



33.0893, 36.3656, 11.4062



24.3330, 36.3656, 68.5983



49.1935, 36.3656, 58.4371

Complementary

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



33.0893, 36.3656, 11.4062



14.4830, 11.8174, 44.6974

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.



43.5911, 36.3656, 82.2686



33.0893, 36.3656, 11.4062



29.1309, 36.3656, 89.4468

Square

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



33.0893, 36.3656, 11.4062



22.3066, 36.3656, 44.0386



36.0827, 36.3656, 95.1792



50.6483, 36.3656, 35.4626

Rectangle

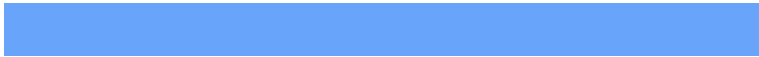
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.0893, 36.3656, 11.4062



24.0947, 36.3656, 20.9941



36.0827, 36.3656, 95.1792



47.6976, 36.3656, 66.8311

Sweetspot

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



33.0902, 36.3673, 11.4069



71.4157, 76.8784, 61.1606



22.9854, 15.0766, 11.3720



15.2181, 16.4303, 12.3789



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.



33.0902, 36.3673, 11.4069



57.6639, 63.1052, 14.2475



28.9927, 39.0396, 12.1387



9.0809, 9.6744, 9.0412



20.9771, 22.4527, 3.2282



0.6905, 0.7675, 0.1117

Inverse Universe

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



14.4830, 11.8174, 44.6974



21.0139, 14.8234, 80.0483



16.7403, 11.1186, 44.4436



8.1464, 8.4390, 10.7059



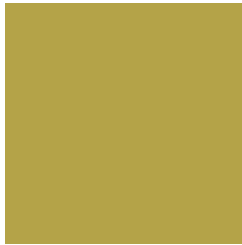
6.0780, 2.9563, 30.3873



0.2245, 0.1595, 0.9672

Previews

White Background



This preview shows how the XYZ color 33.0893, 36.3656, 11.4062 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 33.0893, 36.3656, 11.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

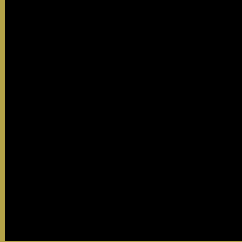
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0893, 36.3656, 11.4062

Background



This preview shows how black text looks on a background with the XYZ color 33.0893, 36.3656, 11.4062.



This preview shows how white text looks on a background with the XYZ color 33.0893, 36.3656,

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

33.0893, 36.3656, 11.4062

Protanopia

33.3229, 36.4860, 11.4171

Deuteranopia

37.0448, 36.3546, 11.5432



Tritanopia

38.9218, 36.1904, 40.5314

Trichromacy



Original Color

33.0893, 36.3656, 11.4062

Protanomaly

33.3229, 36.4860, 11.4171

Deuteranomaly

35.4218, 36.2722, 11.4376

Tritanomaly

36.1613, 36.0669, 26.5284

Monochromacy



Original Color

33.0893, 36.3656, 11.4062

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1275, 34.7809, 25.0988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0893, 36.3656, 11.4062 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(180, 163, 72)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 72)  
}
```

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(180, 163, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 72) }
```

Border

The CSS property to change the border of an element to XYZ 33.0893, 36.3656, 11.4062 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(180, 163, 72) }
```


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

```
.border{ border-color:rgb(180, 163, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 72);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0893, 36.3656, 11.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 72) }
```

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

```
.background{ background-color: rgb(180,  
163, 72) }
```

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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