

Converting Colors

XYZ(37.6192, 44.6200, 16.5273)

Have a look what the booklet for
XYZ(37.6192, 44.6200, 16.5273)
contains.

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Color

**XYZ(37.6192, 44.6200,
16.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B85B
RGB	179, 184, 91
RGB Percent	70%, 72%, 36%
CMY	0.2980, 0.2784, 0.6431
CMYK	0.03, 0.00, 0.51, 0.28
HSL	63°, 40%, 54%
HSV	63°, 51%, 72%
XYZ	37.6192, 44.6200, 16.5273
YIQ	171.9030, 26.8730, -29.9830

Conversions

Conversions Part 2

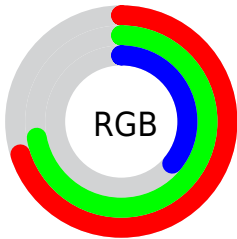
Format	Color
R _Y B	91, 184, 96
Decimal	11778139
CIE Lab	72.64, -14.97, 46.14
CIE LCh	73, 48.509, 107.969
Yxy	44.6200, 0.3809, 0.4518
Android (android.graphics.Color)	4289968219 (0xFFB3B85B)
YUV	171.9030, -39.8852, 6.2241
Hunter-Lab	66.7982, -16.3698, 32.0891

Details

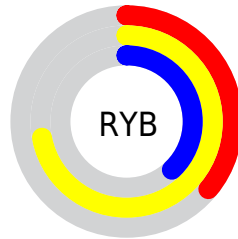
The XYZ color **37.6192, 44.6200, 16.5273** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.2182, 13.4307, 47.0350**, and the grayscale version is **39.3505, 41.3997, 45.0843**.

A 20% lighter version of the original color is **70.7101, 82.1362, 38.1137**, and **16.8115, 20.6709, 5.1113** is the 20% darker color. If you saturate the color by 10%, you get **36.6932, 44.2249, 12.8367**, and if you desaturate by 10%, it is **38.7436, 45.0979, 21.2448**.

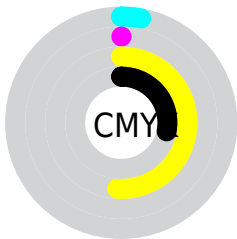
Distribution



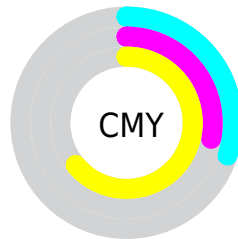
- Red (70%)
- Green (72%)
- Blue (36%)



- Red (36%)
- Yellow (72%)
- Blue (38%)



- Cyan (3%)
- Magenta (0%)
- Yellow (51%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6192, 44.6200, 16.5273 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 37.6192, 44.6200, 16.5273 by changing the saturation by 10% instead.

■ 37.6192, 44.6200,
16.5273

■ 37.6192, 44.6200,
16.5273

327.2928,
365.2324, 244.3845

■ 25.8631, 31.1582,
9.7397

■ 70.8318, 82.1499,
38.2907

■ 16.8534, 20.7194,
5.1234

■ 93.0190, 106.9868,
54.1035

■ 10.2247, 12.9190,
2.2598

■ 119.4140,
136.3842, 73.7618

■ 5.6116, 7.3728,
0.7086

■ 150.3821,
170.7265, 97.6841

■ 2.6488, 3.6963,
0.0000

186.2886,
210.3980, 126.2890

■ 0.9709, 1.5052,
0.0000

227.4990,

■ 0.0000, 0.2924,

255.7833, 159.9950

0.0000

274.3786,
307.2666, 199.2206

■ 0.0000, 0.0000,
0.0000

■ 37.6192, 44.6200,
16.5273

■ 37.6192, 44.6200,
16.5273

■ 36.6932, 44.2249,
12.8367

■ 38.7436, 45.0979,
21.2448

■ 35.9479, 43.9006,
10.0939

■ 40.0763, 45.6577,
27.0549

■ 35.3679, 43.6426,
8.2130

■ 41.6301, 46.3062,
34.0213

■ 34.9337, 43.4432,
7.0911

■ 43.4162, 47.0477,
42.2017

■ 34.6198, 43.2934,
6.5318

■ 45.4447, 47.8864,
51.6503

■ 47.7253, 48.8261,
62.4178

■ 50.2672, 49.8706,
74.5521

■ 53.0789, 51.0231,
88.0989

■ 55.9089, 52.1832,
101.7334

Harmonies

Analogous

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



45.8668, 44.6200, 15.9301



37.6192, 44.6200, 16.5273



31.5075, 44.6200, 23.7259

Triad

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



37.6192, 44.6200, 16.5273



32.4881, 44.6200, 91.6844



60.2515, 44.6200, 58.8782

Complementary

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



37.6192, 44.6200, 16.5273



17.2182, 13.4307, 47.0350

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.



55.5755, 44.6200, 86.6058



37.6192, 44.6200, 16.5273



39.1314, 44.6200, 109.3286

Square

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



37.6192, 44.6200, 16.5273



28.8255, 44.6200, 64.2989



47.5911, 44.6200, 107.2122



59.7057, 44.6200, 35.6634

Rectangle

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



37.6192, 44.6200, 16.5273



29.1293, 44.6200, 33.2146



47.5911, 44.6200, 107.2122



59.2153, 44.6200, 68.0846

Sweetspot

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



37.6203, 44.6220, 16.5282



77.1214, 84.6276, 69.2365



25.8080, 19.2488, 12.2533



16.4813, 18.1839, 14.2652



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.6203, 44.6220, 16.5282



66.2930, 80.0701, 22.4295



28.6797, 40.0130, 16.1098



9.7011, 10.4781, 9.6181



23.8778, 29.8458, 4.5023



0.8564, 1.0597, 0.1594

Inverse Universe

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



17.2182, 13.4307, 47.0350



25.0469, 16.9743, 84.1609



23.5753, 16.7079, 47.3325



8.5646, 8.7419, 11.3154



6.0675, 2.4391, 31.4041



0.2291, 0.0938, 1.1078

Previews

White Background



This preview shows how the XYZ color 37.6192, 44.6200, 16.5273 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 37.6192, 44.6200, 16.5273 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 37.6192, 44.6200, 16.5273

Background



This preview shows how black text looks on a background with the XYZ color 37.6192, 44.6200, 16.5273.



This preview shows how white text looks on a background with the XYZ color 37.6192, 44.6200,

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

37.6192, 44.6200, 16.5273

Protanopia

40.7495, 44.4324, 15.8798

Deuteranopia

45.3537, 44.4811, 17.0218



Tritanopia

44.8995, 44.2938, 53.1968

Trichromacy



Original Color

37.6192, 44.6200, 16.5273

Protanomaly

39.4019, 44.3279, 16.1523

Deuteranomaly

42.2522, 44.3055, 16.9146

Tritanomaly

41.3972, 44.0256, 36.0217

Monochromacy



Original Color

37.6192, 44.6200, 16.5273

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.1625, 42.1478, 32.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6192, 44.6200, 16.5273 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, 184, 91)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 91)  
}
```

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, 184, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 91) }
```

Border

The CSS property to change the border of an element to XYZ 37.6192, 44.6200, 16.5273 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, 184, 91) }
```


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

```
.border{ border-color:rgb(179, 184, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 184, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 91);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6192, 44.6200, 16.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 91) }
```

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

```
.background{ background-color: rgb(179,  
184, 91) }
```

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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