

Converting Colors

XYZ(47.4015, 53.8930, 36.5976)

Have a look what the booklet for
XYZ(47.4015, 53.8930, 36.5976)
contains.

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Color

**XYZ(47.4373, 53.7966,
36.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C696
RGB	192, 198, 150
RGB Percent	75%, 78%, 59%
CMY	0.2471, 0.2235, 0.4118
CMYK	0.03, 0.00, 0.24, 0.22
HSL	68°, 30%, 68%
HSV	68°, 24%, 78%
XYZ	47.4373, 53.7966, 36.7377
YIQ	190.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

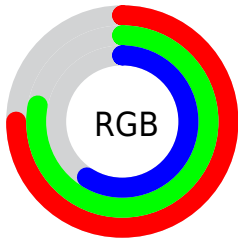
Format	Color
RYB	150, 198, 156
Decimal	12633750
CIELab	78.34, -10.04, 23.43
CIElCh	78, 25.487, 113.201
Yxy	53.7966, 0.3438, 0.3899
Android (android.graphics.Color)	4290823830 (0xFFC0C696)
YUV	190.7340, -20.0819, 1.1103
Hunter-Lab	73.3462, -12.9093, 21.6451

Details

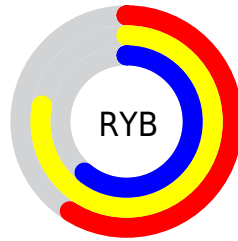
The XYZ color **47.4373, 53.7966, 36.7377** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8117, 32.9592, 57.9560**, and the grayscale version is **49.4761, 52.0527, 56.6854**.

A 20% lighter version of the original color is **85.7260, 96.0194, 71.1421**, and **22.7066, 26.2506, 15.6745** is the 20% darker color. If you saturate the color by 10%, you get **45.3544, 52.8934, 29.0090**, and if you desaturate by 10%, it is **49.8030, 54.8178, 45.8882**.

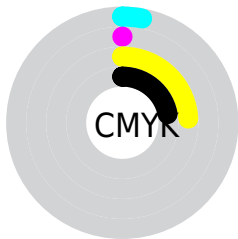
Distribution



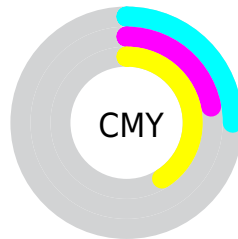
- Red (75%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4373, 53.7966, 36.7377 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 47.4373, 53.7966, 36.7377 by changing the saturation by 10% instead.

■ 47.4373, 53.7966,
36.7377

■ 47.4373, 53.7966,
36.7377

367.1772,
401.3339, 347.3079

■ 33.5909, 38.4391,
24.7103

■ 85.5808, 95.7755,
71.3510

■ 22.7409, 26.3236,
15.6443

■ 110.6086,
123.1657, 94.7739

■ 14.5219, 17.0659,
9.1212

140.0942,
155.3356, 122.8325

■ 8.5687, 10.2815,
4.7224

174.4030,
192.6695, 155.9452

■ 4.5158, 5.5860,
2.0295

213.9003,
235.5519, 194.5305

■ 1.9979, 2.5950,
0.5733

258.9516,

■ 0.6328, 0.9242,

284.3672, 239.0070

0.0000

309.9221,
339.4997, 289.7934

■ 0.0000, 0.0000,
0.0000

■ 47.4373, 53.7966,
36.7377

■ 47.4373, 53.7966,
36.7377

■ 45.3544, 52.8934,
29.0090

■ 49.8030, 54.8178,
45.8882

■ 43.5365, 52.0957,
22.6274

■ 52.4600, 55.9549,
56.5233

■ 41.9704, 51.3998,
17.5164

■ 55.4214, 57.2150,
68.7062

■ 40.6396, 50.7992,
13.5909

■ 58.6986, 58.6026,
82.4956

■ 39.5260, 50.2868,
10.7550

■ 62.3020, 60.1219,
97.9470

■ 38.6085, 49.8539,
8.8980

■ 63.9385, 60.8558,
102.9842

■ 37.8616, 49.4905,
7.8859

■ 64.6353, 61.2150,
103.0168

■ 37.4813, 49.3017,
7.5407

■ 65.3431, 61.5799,
103.0499

■ 66.0618, 61.9504,
103.0835

Harmonies

Analogous

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



52.2787, 53.7966, 35.2681



47.4373, 53.7966, 36.7377



43.8136, 53.7966, 43.5817

Triad

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



47.4373, 53.7966, 36.7377



45.5866, 53.7966, 83.5048



61.2850, 53.7966, 61.8960

Complementary

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



47.4373, 53.7966, 36.7377



34.8117, 32.9592, 57.9560

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.



59.2232, 53.7966, 76.6650



47.4373, 53.7966, 36.7377



50.0023, 53.7966, 90.3901

Square

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



47.4373, 53.7966, 36.7377



42.7947, 53.7966, 70.1058



55.0138, 53.7966, 87.7023



60.4875, 53.7966, 48.3840

Rectangle

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



47.4373, 53.7966, 36.7377



42.4695, 53.7966, 50.9724



55.0138, 53.7966, 87.7023



60.8991, 53.7966, 66.8990

Sweetspot

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



47.4387, 53.7990, 36.7388



91.4913, 98.4822, 94.4226



40.6170, 37.8521, 34.0203



19.5199, 21.0523, 19.9569



0.0000, 0.0000, 0.0000



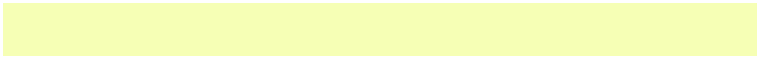
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4387, 53.7990, 36.7388



82.0240, 94.4059, 57.6420



41.9347, 50.9616, 36.4813



11.3883, 12.3471, 11.3458



24.4234, 32.0860, 4.9060



1.1940, 1.5386, 0.2341

Inverse Universe

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



34.8117, 32.9592, 57.9560



55.8943, 51.2739, 101.5586



39.8305, 35.5465, 58.1909



10.1779, 10.3500, 13.3788



6.9258, 2.8046, 34.9207



0.3698, 0.1544, 1.6555

Previews

White Background



This preview shows how the XYZ color 47.4373, 53.7966, 36.7377 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 47.4373, 53.7966, 36.7377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

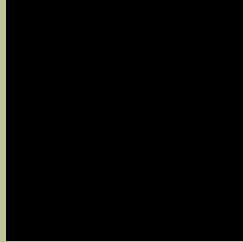
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4373, 53.7966, 36.7377

Background



This preview shows how black text looks on a background with the XYZ color 47.4373, 53.7966, 36.7377.



This preview shows how white text looks on a background with the XYZ color 47.4373, 53.7966,

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

47.4373, 53.7966, 36.7377

Protanopia

50.1474, 53.5434, 35.7088

Deuteranopia

54.6727, 53.5865, 37.5987



Tritanopia

53.3246, 53.8599, 65.9780

Trichromacy



Original Color

47.4373, 53.7966, 36.7377

Protanomaly

49.2970, 53.7567, 36.2116

Deuteranomaly

51.8125, 53.3901, 37.2803

Tritanomaly

50.9197, 53.8645, 54.1675

Monochromacy



Original Color

47.4373, 53.7966, 36.7377

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.6141, 52.7945, 48.7024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4373, 53.7966, 36.7377 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(192, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 150)  
}
```

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(192, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.4373, 53.7966, 36.7377 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(192, 198, 150) }
```


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

```
.border{ border-color:rgb(192, 198, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4373, 53.7966, 36.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 150) }
```

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

```
.background{ background-color: rgb(192,  
198, 150) }
```

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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