

Converting Colors

XYZ(36.3942, 40.2040, 26.6108)

Have a look what the booklet for
XYZ(36.3942, 40.2040, 26.6108)
contains.

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Color

**XYZ(36.3942, 40.2040,
26.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAC81
RGB	175, 172, 129
RGB Percent	69%, 67%, 51%
CMY	0.3137, 0.3255, 0.4941
CMYK	0.00, 0.02, 0.26, 0.31
HSL	56°, 22%, 60%
HSV	56°, 26%, 69%
XYZ	36.3942, 40.2040, 26.6108
YIQ	167.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

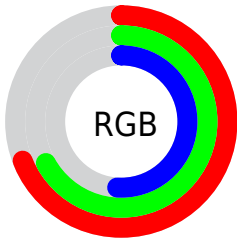
Format	Color
RYB	132, 175, 129
Decimal	11512961
CIELab	69.61, -5.95, 22.57
CIELCh	70, 23.338, 104.768
Yxy	40.2040, 0.3526, 0.3895
Android (android.graphics.Color)	4289703041 (0xFFAFAC81)
YUV	167.9950, -19.2245, 6.1434
Hunter-Lab	63.4066, -8.5060, 19.5015

Details

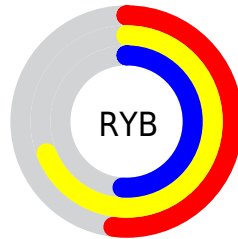
The XYZ color **36.3942, 40.2040, 26.6108** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0423, 24.2642, 43.9213**, and the grayscale version is **37.3039, 39.2466, 42.7396**.

A 20% lighter version of the original color is **68.8676, 75.3045, 55.1615**, and **16.1538, 18.1350, 10.0462** is the 20% darker color. If you saturate the color by 10%, you get **35.1136, 39.3475, 20.9282**, and if you desaturate by 10%, it is **37.8780, 41.1475, 33.3450**.

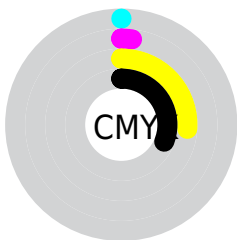
Distribution



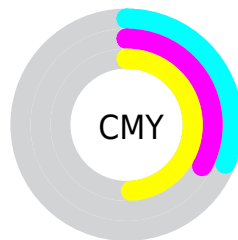
- Red (69%)
- Green (67%)
- Blue (51%)



- Red (52%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3942, 40.2040, 26.6108 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 36.3942, 40.2040, 26.6108 by changing the saturation by 10% instead.

■ 36.3942, 40.2040,
26.6108

■ 36.3942, 40.2040,
26.6108

322.0815,
346.9827, 299.4680

■ 24.9103, 27.6976,
17.0513

■ 68.9600, 75.4741,
55.2548

■ 16.1386, 18.0979,
10.1087

■ 90.7726, 99.0065,
75.1764

■ 9.7138, 11.0203,
5.3646

■ 116.7588,
126.9832, 99.3891

■ 5.2704, 6.0805,
2.4003

147.2840,
159.7884, 128.3114

■ 2.4432, 2.8941,
0.7866

182.7135,
197.8065, 162.3620

■ 0.8667, 1.0767,
0.0000

223.4127,

■ 0.0000, 0.0000,

241.4220, 201.9592

0.0000

269.7469,
291.0193, 247.5217

■ 36.3942, 40.2040,
26.6108

■ 36.3942, 40.2040,
26.6108

■ 35.1136, 39.3475,
20.9282

■ 37.8780, 41.1475,
33.3450

■ 34.0230, 38.5686,
16.2413

■ 39.5713, 42.1764,
41.1779

■ 33.1122, 37.8646,
12.4926

■ 41.4840, 43.2961,
50.1569

■ 32.3692, 37.2307,
9.6180

■ 43.6244, 44.5098,
60.3258

■ 31.7802, 36.6613,
7.5453

■ 46.0004, 45.8208,
71.7261

■ 31.3292, 36.1501,
6.1907

■ 48.6195, 47.2320,
84.3974

■ 30.9950, 35.6885,
5.4416

■ 51.4890, 48.7464,
98.3773

■ 30.8837, 35.5229,
5.2289

■ 52.2782, 49.4318,
101.3937

■ 52.5111, 49.8976,
101.4713

Harmonies

Analogous

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



40.1493, 40.2040, 26.6420



36.3942, 40.2040, 26.6108



33.3309, 40.2040, 30.6268

Triad

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



36.3942, 40.2040, 26.6108



33.2931, 40.2040, 60.0865



45.6436, 40.2040, 49.4601

Complementary

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



36.3942, 40.2040, 26.6108



25.0423, 24.2642, 43.9213

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.



43.5493, 40.2040, 60.2332



36.3942, 40.2040, 26.6108



36.3394, 40.2040, 67.0212

Square

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



36.3942, 40.2040, 26.6108



31.6221, 40.2040, 49.2844



40.0908, 40.2040, 67.0789



45.6607, 40.2040, 38.6929

Rectangle

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



36.3942, 40.2040, 26.6108



32.0224, 40.2040, 35.5074



40.0908, 40.2040, 67.0789



45.1534, 40.2040, 53.2363

Sweetspot

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



36.3952, 40.2058, 26.6116



70.2791, 75.1824, 70.9955



29.6993, 26.4827, 25.4006



15.5170, 16.6479, 15.3000



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.3952, 40.2058, 26.6116



63.7024, 71.0262, 41.0663



32.8232, 39.2204, 26.6097



8.6174, 9.2395, 8.5426



22.1342, 25.4738, 3.7503



0.6288, 0.7348, 0.1087

Inverse Universe

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



25.0423, 24.2642, 43.9213



39.6546, 37.2609, 77.7389



27.9708, 25.1795, 43.9436



7.6192, 7.8379, 10.0640



5.6477, 2.4293, 29.2157



0.1704, 0.0941, 0.8172

Previews

White Background



This preview shows how the XYZ color 36.3942, 40.2040, 26.6108 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 36.3942, 40.2040, 26.6108 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

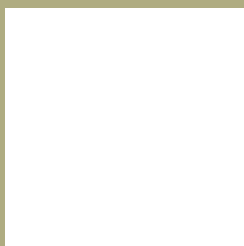
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3942, 40.2040, 26.6108

Background



This preview shows how black text looks on a background with the XYZ color 36.3942, 40.2040, 26.6108.



This preview shows how white text looks on a background with the XYZ color 36.3942, 40.2040,

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

36.3942, 40.2040, 26.6108

Protanopia

37.5624, 40.2530, 26.2119

Deuteranopia

40.7471, 39.9752, 27.0411



Tritanopia

40.5471, 39.9484, 47.6932

Trichromacy



Original Color

36.3942, 40.2040, 26.6108

Protanomaly

37.0496, 40.2680, 26.2419

Deuteranomaly

38.9007, 39.8313, 26.7570

Tritanomaly

38.9382, 40.1270, 38.9507

Monochromacy



Original Color

36.3942, 40.2040, 26.6108

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.8153, 39.3670, 36.2301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3942, 40.2040, 26.6108 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(175, 172, 129)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 129)  
}
```

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(175, 172, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 129) }
```

Border

The CSS property to change the border of an element to XYZ 36.3942, 40.2040, 26.6108 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(175, 172, 129) }
```


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

```
.border{ border-color:rgb(175, 172, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 172, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 129);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3942, 40.2040, 26.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 129) }
```

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

```
.background{ background-color: rgb(175,  
172, 129) }
```

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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