

Converting Colors

XYZ(36.5887, 41.0724, 25.1804)

Have a look what the booklet for
XYZ(36.5887, 41.0724, 25.1804)
contains.

XYZ(36.6473, 41.2291, 25.0953)	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(36.6473, 41.2291,
25.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAF7C
RGB	175, 175, 124
RGB Percent	69%, 69%, 49%
CMY	0.3137, 0.3137, 0.5137
CMYK	0.00, 0.00, 0.29, 0.31
HSL	60°, 24%, 59%
HSV	60°, 29%, 69%
XYZ	36.6473, 41.2291, 25.0953
YIQ	169.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

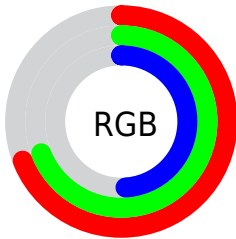
Format	Color
RYB	124, 175, 124
Decimal	11513724
CIELab	70.34, -8.22, 26.23
CIELCh	70, 27.489, 107.398
Yxy	41.2291, 0.3559, 0.4004
Android (android.graphics.Color)	4289703804 (0xFFAFA7C)
YUV	169.1860, -22.2767, 5.0989
Hunter-Lab	64.2099, -10.4898, 21.7745

Details

The XYZ color **36.6473, 41.2291, 25.0953** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.2592, 21.7966, 43.5410**, and the grayscale version is **37.9062, 39.8803, 43.4296**.

A 20% lighter version of the original color is **69.1876, 76.7569, 52.7640**, and **16.3790, 18.8115, 9.4243** is the 20% darker color. If you saturate the color by 10%, you get **35.6375, 40.8266, 19.7748**, and if you desaturate by 10%, it is **37.8556, 41.7139, 31.4521**.

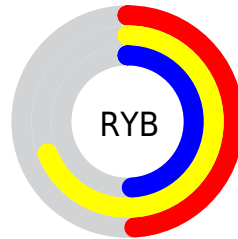
Distribution



Red (69%)

Green (69%)

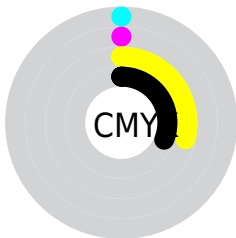
Blue (49%)



Red (49%)

Yellow (69%)

Blue (49%)

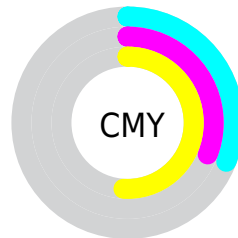


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6473, 41.2291, 25.0953 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 36.6473, 41.2291, 25.0953 by changing the saturation by 10% instead.

■ 36.6473, 41.2291,
25.0953

■ 36.6473, 41.2291,
25.0953

323.1631,
351.2772, 291.7751

■ 25.1069, 28.4981,
15.9284

■ 69.3474, 77.0316,
52.7778

■ 16.2859, 18.7015,
9.3197

■ 91.2378, 100.8718,
72.1305

■ 9.8188, 11.4548,
4.8506

■ 117.3089,
129.1840, 95.7156

■ 5.3403, 6.3736,
2.1027

147.9262,
162.3525, 123.9515

■ 2.4851, 3.0736,
0.6174

183.4548,
200.7617, 157.2569

■ 0.8877, 1.1703,
0.0000

224.2603,

■ 0.0000, 0.0372,

244.7959, 196.0503

0.0000

270.7080,
294.8396, 240.7501

■ 0.0000, 0.0000,
0.0000

■ 36.6473, 41.2291,
25.0953

■ 36.6473, 41.2291,
25.0953

■ 35.6375, 40.8266,
19.7748

■ 37.8556, 41.7139,
31.4521

■ 34.8128, 40.4967,
15.4332

■ 39.2690, 42.2793,
38.8931

■ 34.1627, 40.2366,
12.0117

■ 40.8974, 42.9307,
47.4667

■ 33.6748, 40.0414,
9.4439

■ 42.7493, 43.6715,
57.2173

■ 33.3348, 39.9054,
7.6549

■ 44.8328, 44.5049,
68.1872

■ 33.1259, 39.8218,
6.5565

■ 47.1554, 45.4340,
80.4162

■ 33.0163, 39.7779,
5.9808

■ 49.7244, 46.4616,
93.9428

■ 33.0081, 39.7746,
5.9376

■ 51.0625, 46.9969,
100.9878

■ 51.0628, 46.9970,
100.9878

Harmonies

Analogous

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



41.1124, 41.2291, 24.7315



36.6473, 41.2291, 25.0953



33.1361, 41.2291, 30.0733

Triad

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



36.6473, 41.2291, 25.0953



33.5978, 41.2291, 65.7994



48.2876, 41.2291, 50.5391

Complementary

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



36.6473, 41.2291, 25.0953



23.2592, 21.7966, 43.5410

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.



45.9331, 41.2291, 63.9185



36.6473, 41.2291, 25.0953



37.3228, 41.2291, 73.8001

Square

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



36.6473, 41.2291, 25.0953



31.4706, 41.2291, 52.7463



41.8415, 41.2291, 73.0522



48.0717, 41.2291, 37.8579

Rectangle

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



36.6473, 41.2291, 25.0953



31.7042, 41.2291, 35.9955



41.8415, 41.2291, 73.0522



47.7633, 41.2291, 55.1443

Sweetspot

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



36.6483, 41.2310, 25.0962



70.3221, 75.7151, 69.6353



28.5263, 24.9855, 22.3886



15.5441, 16.7942, 15.0259



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.



36.6483, 41.2310, 25.0962



64.4235, 73.3555, 38.5807



31.4554, 38.5539, 24.8531



8.6626, 9.3302, 8.5577



23.6369, 28.4823, 4.2518



0.6576, 0.7924, 0.1183

Inverse Universe

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



23.2592, 21.7966, 43.5410



36.4993, 32.8236, 77.0487



27.4326, 23.9481, 43.7363



7.5790, 7.7573, 10.0505



5.5415, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 36.6473, 41.2291, 25.0953 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 36.6473, 41.2291, 25.0953 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 36.6473, 41.2291, 25.0953

Background



This preview shows how black text looks on a background with the XYZ color 36.6473, 41.2291, 25.0953.



This preview shows how white text looks on a background with the XYZ color 36.6473, 41.2291,

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

36.6473, 41.2291, 25.0953

Protanopia

38.3353, 41.2494, 24.6803

Deuteranopia

41.8496, 41.1131, 25.4686



Tritanopia

41.6345, 41.2865, 49.4908

Trichromacy



Original Color

36.6473, 41.2291, 25.0953

Protanomaly

37.5748, 41.1410, 24.6995

Deuteranomaly

39.8820, 41.1941, 25.2513

Tritanomaly

39.4985, 41.2476, 39.1375

Monochromacy



Original Color

36.6473, 41.2291, 25.0953

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.1073, 40.0837, 35.9181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6473, 41.2291, 25.0953 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, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(175, 175, 124)  
}
```

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, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 175, 124) }
```

Border

The CSS property to change the border of an element to XYZ 36.6473, 41.2291, 25.0953 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, 175, 124) }
```


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

```
.border{ border-color:rgb(175, 175, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 175, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 175, 124);  
box-shadow:4px 4px 4px 4px rgb(175, 175,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6473, 41.2291, 25.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 175, 124) }
```

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

```
.background{ background-color: rgb(175,  
175, 124) }
```

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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