

Converting Colors

XYZ(47.3613, 40.6599, 25.9051)

Have a look what the booklet for
XYZ(47.3613, 40.6599, 25.9051)
contains.

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Color

**XYZ(47.4376, 40.6730,
25.7725)**

Conversions

Conversions Part 1

Format	Color
Hex	E59880
RGB	229, 152, 128
RGB Percent	90%, 60%, 50%
CMY	0.1020, 0.4039, 0.4980
CMYK	0.00, 0.34, 0.44, 0.10
HSL	14°, 66%, 70%
HSV	14°, 44%, 90%
XYZ	47.4376, 40.6730, 25.7725
YIQ	172.2870, 53.5960, 8.8600

Conversions

Conversions Part 2

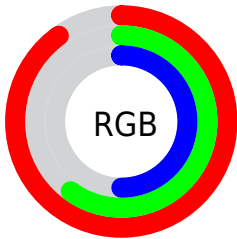
Format	Color
RYB	229, 159, 128
Decimal	15046784
CIELab	69.95, 26.15, 24.47
CIELCh	70, 35.813, 43.091
Yxy	40.6730, 0.4165, 0.3571
Android (android.graphics.Color)	4293236864 (0xFFE59880)
YUV	172.2870, -21.8335, 49.7373
Hunter-Lab	63.7754, 21.1655, 20.6829

Details

The XYZ color **47.4376, 40.6730, 25.7725** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.8752, 53.9066, 82.1684**, and the grayscale version is **39.4472, 41.5015, 45.1951**.

A 20% lighter version of the original color is **71.8933, 69.2218, 53.2880**, and **22.7630, 18.3368, 9.7367** is the 20% darker color. If you saturate the color by 10%, you get **43.4692, 34.8823, 17.8338**, and if you desaturate by 10%, it is **52.1652, 47.4378, 35.6431**.

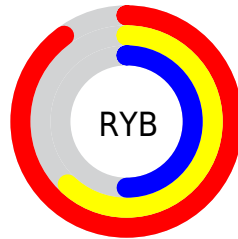
Distribution



Red (90%)

Green (60%)

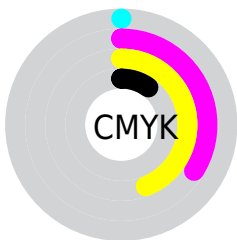
Blue (50%)



Red (90%)

Yellow (62%)

Blue (50%)

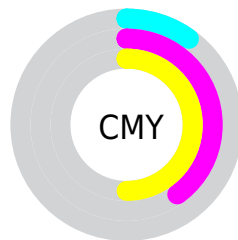


Cyan (0%)

Magenta (34%)

Yellow (44%)

Black (10%)



Cyan (10%)


Magenta (40%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4376, 40.6730, 25.7725 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 47.4376, 40.6730, 25.7725 by changing the saturation by 10% instead.


 47.4376, 40.6730,
25.7725


 47.4376, 40.6730,
25.7725


367.1784,
348.9521, 295.2334


 33.5911, 28.0637,
16.4293


 85.5812, 76.1872,
53.8873

 22.7411, 18.3737,
9.6708


 110.6091, 99.8609,
73.4959

 14.5221, 11.2186,
5.0785

 140.0948,
127.9916, 97.3634

 8.5688, 6.2141,
2.2338

174.4037,
160.9635, 125.9084

 4.5158, 2.9757,
0.6938

213.9011,
199.1611, 159.5493

 1.9979, 1.1190,
0.0000

258.9525,

 0.6328, 0.0000,

242.9688, 198.7048

0.0000

309.9231,
292.7710, 243.7933

■ 0.0000, 0.0000,
0.0000

■ 47.4376, 40.6730,
25.7725

■ 47.4376, 40.6730,
25.7725

■ 43.4692, 34.8823,
17.8338

■ 52.1652, 47.4378,
35.6431

■ 40.2157, 30.0142,
11.6966

■ 57.6871, 55.2132,
47.5596

■ 37.6325, 26.0213,
7.2179

■ 64.0396, 64.0410,
61.6299

■ 35.6683, 22.8492,
4.2318

■ 71.2560, 73.9591,
77.9535

■ 34.2632, 20.4369,
2.5368

■ 79.3675, 85.0032,
96.6237

■ 33.6522, 19.3363,
1.9586

■ 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



50.6393, 40.6730, 37.4040



47.4376, 40.6730, 25.7725



42.0119, 40.6730, 20.1209

Triad

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



47.4376, 40.6730, 25.7725



28.8931, 40.6730, 35.5881



41.2540, 40.6730, 83.5007

Complementary

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



47.4376, 40.6730, 25.7725



44.8752, 53.9066, 82.1684

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.



35.4884, 40.6730, 82.6587



47.4376, 40.6730, 25.7725



28.7342, 40.6730, 51.9643

Square

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



47.4376, 40.6730, 25.7725



31.4938, 40.6730, 24.7325



31.0354, 40.6730, 70.0431



46.8349, 40.6730, 72.1164

Rectangle

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



47.4376, 40.6730, 25.7725



38.0570, 40.6730, 19.3385



31.0354, 40.6730, 70.0431



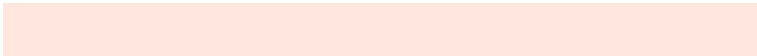
39.2662, 40.6730, 84.7089

Sweetspot

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



47.4386, 40.6750, 25.7733



82.6262, 82.9688, 80.6616



51.1042, 36.5254, 62.3889



17.2747, 17.1912, 16.3453



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.



47.4386, 40.6750, 25.7733



55.8447, 45.0598, 23.4757



57.3456, 60.4889, 29.0756



14.6537, 14.9213, 15.0122



19.3182, 11.2105, 1.1457



1.4982, 0.9697, 0.1082

Inverse Universe

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



44.8752, 53.9066, 82.1684



52.1301, 63.9126, 104.1966



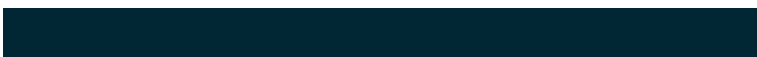
34.7555, 33.6672, 78.7952



14.5019, 15.7253, 18.4153



16.9009, 20.8639, 45.5195



1.3191, 1.6821, 3.3871

Previews

White Background



This preview shows how the XYZ color 47.4376, 40.6730, 25.7725 looks on a white background.

Color Contrast Check

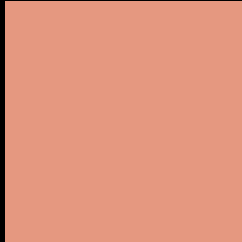
Large Text (above 18pt) WCAG AA × Fail

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 47.4376, 40.6730, 25.7725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

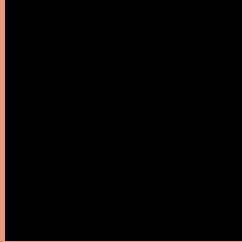
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4376, 40.6730, 25.7725

Background



This preview shows how black text looks on a background with the XYZ color 47.4376, 40.6730, 25.7725.



This preview shows how white text looks on a background with the XYZ color 47.4376, 40.6730,

25.7725.

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

47.4376, 40.6730, 25.7725

Protanopia

38.3697, 40.8770, 29.5347

Deuteranopia

41.6700, 40.7538, 25.4087



Tritanopia

50.1266, 40.8388, 38.0416

Trichromacy



Original Color

47.4376, 40.6730, 25.7725

Protanomaly

41.1317, 40.4143, 28.1871

Deuteranomaly

43.5529, 40.6710, 25.6335

Tritanomaly

49.0477, 40.6219, 33.2727

Monochromacy



Original Color

47.4376, 40.6730, 25.7725

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.4482, 40.6480, 37.1138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4376, 40.6730, 25.7725 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(229, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 152, 128)  
}
```

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(229, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 152, 128) }
```

Border

The CSS property to change the border of an element to XYZ 47.4376, 40.6730, 25.7725 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(229, 152, 128) }
```


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

```
.border{ border-color:rgb(229, 152, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 152, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 152, 128);  
box-shadow:4px 4px 4px 4px rgb(229, 152,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4376, 40.6730, 25.7725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 152, 128) }
```

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

```
.background{ background-color: rgb(229,  
152, 128) }
```

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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