

Converting Colors

XYZ(73.8618, 78.7660, 52.3847)

Have a look what the booklet for
XYZ(73.8618, 78.7660, 52.3847)
contains.

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Color

**XYZ(73.8618, 78.7660,
52.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E5B0
RGB	246, 229, 176
RGB Percent	96%, 90%, 69%
CMY	0.0353, 0.1019, 0.3098
CMYK	0.00, 0.07, 0.28, 0.04
HSL	45°, 80%, 83%
HSV	45°, 28%, 96%
XYZ	73.8618, 78.7660, 52.3847
YIQ	228.0410, 27.1450, -12.8790

Conversions

Conversions Part 2

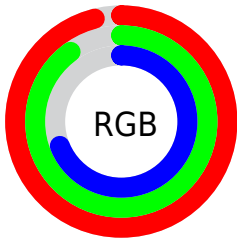
Format	Color
RYB	198, 246, 176
Decimal	16180656
CIELab	91.13, -2.07, 27.99
CIElCh	91, 28.065, 94.232
Yxy	78.7660, 0.3603, 0.3842
Android (android.graphics.Color)	4294370736 (0xFFFF6E5B0)
YUV	228.0410, -25.6562, 15.7500
Hunter-Lab	88.7502, -6.7574, 27.1293

Details

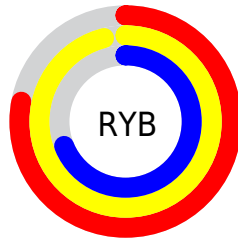
The XYZ color **73.8618, 78.7660, 52.3847** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.6087, 54.0224, 94.7909**, and the grayscale version is **73.9424, 77.7931, 84.7167**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **39.6975, 42.5210, 24.8540** is the 20% darker color. If you saturate the color by 10%, you get **70.0215, 74.6337, 40.1648**, and if you desaturate by 10%, it is **78.2042, 83.1956, 66.9498**.

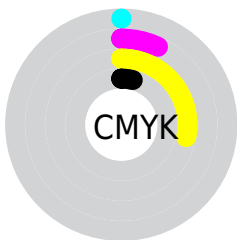
Distribution



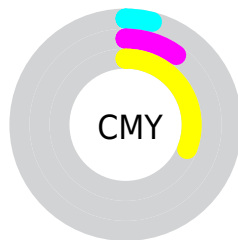
- Red (96%)
- Green (90%)
- Blue (69%)



- Red (78%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8618, 78.7660, 52.3847 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 73.8618, 78.7660, 52.3847 by changing the saturation by 10% instead.


 73.8618, 78.7660,
52.3847

 73.8618, 78.7660,
52.3847


463.0539,
490.7644, 412.9191

 54.9718, 58.7034,
36.9274


 123.6964,
131.6294, 95.1307

 39.6129, 42.3744,
24.8560


155.3718,
165.1990, 123.2565

 27.4197, 29.3946,
15.7517


192.0397,
204.0397, 156.4423

 18.0269, 19.3795,
9.1962

234.0654,
248.5360, 195.1065

 11.0691, 11.9448,
4.7708

281.8143,
299.0722, 239.6678

 6.1810, 6.7061,
2.0571

335.6518,

 2.9971, 3.2790,

356.0328, 290.5446

0.5900

395.9432,
419.8020, 348.1555

■ 1.1523, 1.2791,
0.0000

■ 0.0682, 0.1249,
0.0000

■ 73.8618, 78.7660,
52.3847

■ 73.8618, 78.7660,
52.3847

■ 70.0215, 74.6337,
40.1648

■ 78.2042, 83.1956,
66.9498

■ 66.6527, 70.7774,
30.1595

■ 83.0651, 87.9217,
83.9714

■ 63.7308, 67.1890,
22.2327

■ 88.4677, 92.9572,
103.5597

■ 61.2263, 63.8557,
16.2315

■ 91.1485, 96.9976,
108.5261

■ 59.1054, 60.7632,
11.9817

■ 91.8161, 98.3329,
108.7487

■ 57.3286, 57.8946,
9.2772

■ 55.8396, 55.2265,
7.8259

■ 55.6233, 54.8273,
7.6511

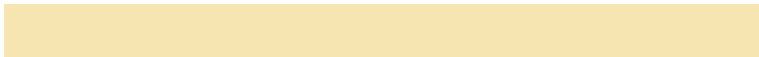
Harmonies

Analogous

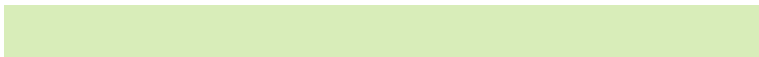
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9571, 78.7660, 55.1539



73.8618, 78.7660, 52.3847



67.4452, 78.7660, 57.3315

Triad

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



73.8618, 78.7660, 52.3847



64.1366, 78.7660, 109.6887



87.8431, 78.7660, 103.9052

Complementary

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



73.8618, 78.7660, 52.3847



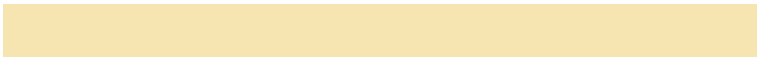
53.6087, 54.0224, 94.7909

Split Complementary

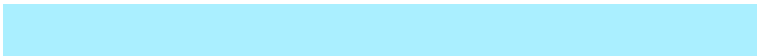
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8094, 78.7660, 122.3148



73.8618, 78.7660, 52.3847



69.0859, 78.7660, 126.0070

Square

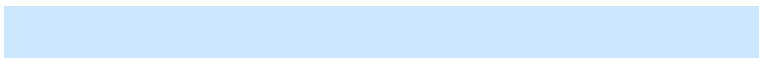
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8618, 78.7660, 52.3847



62.0599, 78.7660, 88.6805



75.8767, 78.7660, 130.9566



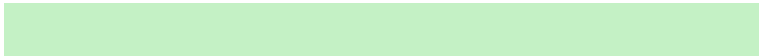
89.3199, 78.7660, 82.9098

Rectangle

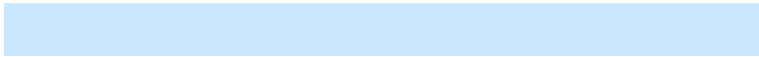
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8618, 78.7660, 52.3847



64.3260, 78.7660, 64.8816



75.8767, 78.7660, 130.9566



86.4959, 78.7660, 110.7028

Sweetspot

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



73.8638, 78.7696, 52.3863



89.8208, 95.1054, 90.0043



63.2136, 54.5170, 57.9371



19.0541, 20.1926, 18.6567



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.



73.8638, 78.7696, 52.3863



77.7447, 82.9161, 49.0993



72.9465, 85.6224, 53.7574



17.5539, 18.5920, 17.4610



29.8046, 29.4948, 4.1222



2.6990, 2.7513, 0.3888

Inverse Universe

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



53.6087, 54.0224, 94.7909



52.5352, 52.1233, 101.8996



54.2807, 49.1088, 93.8071



15.9079, 16.5800, 20.9044



9.8247, 5.4431, 47.0708



0.9406, 0.6327, 4.1628

Previews

White Background



This preview shows how the XYZ color 73.8618, 78.7660, 52.3847 looks on a white background.

Color Contrast Check

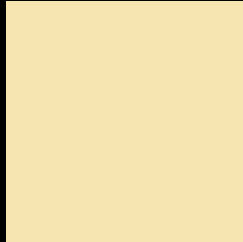
Large Text (above 18pt) WCAG AA × Fail

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 73.8618, 78.7660, 52.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

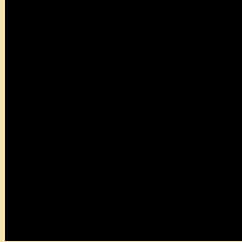
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8618, 78.7660, 52.3847

Background



This preview shows how black text looks on a background with the XYZ color 73.8618, 78.7660, 52.3847.

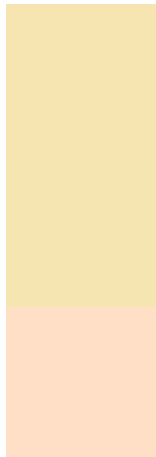


This preview shows how white text looks on a background with the XYZ color 73.8618, 78.7660,

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

73.8618, 78.7660, 52.3847

Protanopia

73.5120, 78.5857, 52.3684

Deuteranopia

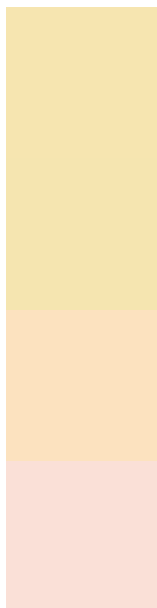
78.2045, 78.6948, 65.1006



Tritanopia

81.7971, 78.7686, 91.7816

Trichromacy



Original Color

73.8618, 78.7660, 52.3847

Protanomaly

73.5120, 78.5857, 52.3684

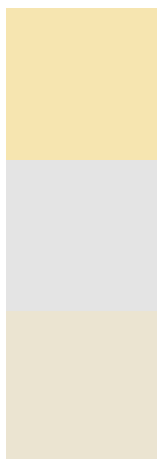
Deuteranomaly

76.7452, 78.8497, 60.4648

Tritanomaly

78.3457, 78.5416, 75.3208

Monochromacy



Original Color

73.8618, 78.7660, 52.3847

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5130, 77.7524, 71.4548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8618, 78.7660, 52.3847 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(246, 229, 176)` looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 176)  
}
```

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(246, 229, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 176) }
```

Border

The CSS property to change the border of an element to XYZ 73.8618, 78.7660, 52.3847 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(246, 229, 176) }
```


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

```
.border{ border-color:rgb(246, 229, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 229, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 229, 176); box-shadow:4px 4px 4px 4px rgb(246, 229, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8618, 78.7660, 52.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 176) }
```

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

```
.background{ background-color: rgb(246,  
229, 176) }
```

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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