

Converting Colors

XYZ(75.4856, 81.2704, 61.0446)

Have a look what the booklet for
XYZ(75.4856, 81.2704, 61.0446)
contains.

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Color

**XYZ(75.5050, 81.0941,
60.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E9BF
RGB	243, 233, 191
RGB Percent	95%, 91%, 75%
CMY	0.0471, 0.0863, 0.2510
CMYK	0.00, 0.04, 0.21, 0.05
HSL	48°, 68%, 85%
HSV	48°, 21%, 95%
XYZ	75.5050, 81.0941, 60.9634
YIQ	231.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

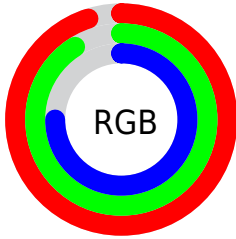
Format	Color
RYB	203, 243, 191
Decimal	15985087
CIELab	92.17, -3.19, 21.66
CIELCh	92, 21.899, 98.383
Yxy	81.0941, 0.3470, 0.3727
Android (android.graphics.Color)	4294175167 (0xFFFF3E9BF)
YUV	231.2020, -19.8196, 10.3468
Hunter-Lab	90.0523, -7.9268, 22.8986

Details

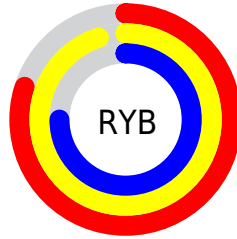
The XYZ color **75.5050, 81.0941, 60.9634** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.5499, 59.3193, 93.1582**, and the grayscale version is **76.2407, 80.2111, 87.3499**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **40.4872, 43.6895, 29.9659** is the 20% darker color. If you saturate the color by 10%, you get **71.7456, 77.5054, 47.5935**, and if you desaturate by 10%, it is **79.7474, 84.9376, 76.6851**.

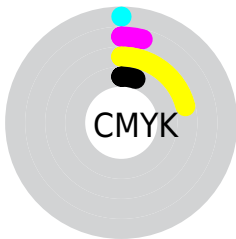
Distribution



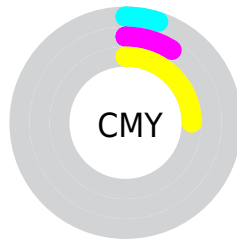
- Red (95%)
- Green (91%)
- Blue (75%)



- Red (80%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5050, 81.0941, 60.9634 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 75.5050, 81.0941, 60.9634 by changing the saturation by 10% instead.


 75.5050, 81.0941,
60.9634

 75.5050, 81.0941,
60.9634


468.6220,
498.6124, 446.0426

 56.3223, 60.6191,
43.7653


 126.0110,
134.9029, 107.7830

 40.6994, 43.9178,
30.1502


158.0651,
169.0055, 138.2415

 28.2709, 30.6059,
19.6996


195.1404,
208.4194, 173.9572

 18.6715, 20.2990,
11.9950

237.6022,
253.5290, 215.3486

 11.5357, 12.6125,
6.6177

285.8159,
304.7187, 262.8343

 6.4983, 7.1623,
3.1494

340.1469,

 3.1939, 3.5638,

362.3729, 316.8329

1.1714

400.9605,
426.8760, 377.7628

■ 1.2571, 1.4327,
0.0000

■ 0.1508, 0.2406,
0.0000

■ 75.5050, 81.0941,
60.9634

■ 75.5050, 81.0941,
60.9634

■ 71.7456, 77.5054,
47.5935

■ 79.7474, 84.9376,
76.6851

■ 68.4407, 74.1513,
36.4551

■ 84.4870, 89.0336,
94.8607

■ 65.5684, 71.0253,
27.4247

■ 88.2785, 92.8072,
107.8685

■ 63.1024, 68.1166,
20.3651

■ 89.7249, 95.7000,
108.3507

■ 61.0132, 65.4129,
15.1224

■ 90.7723, 97.7948,
108.6998

■ 59.2670, 62.9002,
11.5203

■ 57.8234, 60.5618,
9.3467

■ 56.7688, 58.6677,
8.3320

Harmonies

Analogous

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



81.1480, 81.0941, 62.4241



75.5050, 81.0941, 60.9634



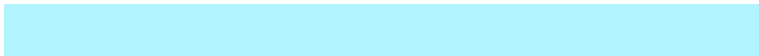
70.5290, 81.0941, 66.0923

Triad

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



75.5050, 81.0941, 60.9634



68.8741, 81.0941, 109.0520



87.6210, 81.0941, 100.2585

Complementary

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



75.5050, 81.0941, 60.9634



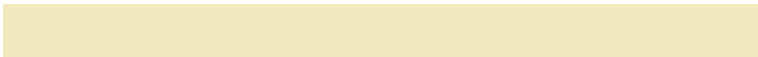
58.5499, 59.3193, 93.1582

Split Complementary

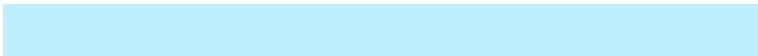
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0193, 81.0941, 114.9910



75.5050, 81.0941, 60.9634



73.1455, 81.0941, 120.4838

Square

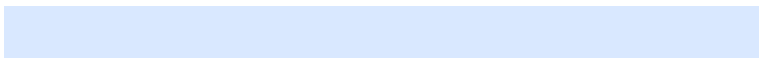
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5050, 81.0941, 60.9634



66.8249, 81.0941, 92.9103



78.6717, 81.0941, 122.7806



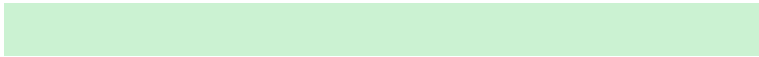
88.3285, 81.0941, 83.8403

Rectangle

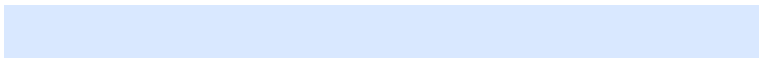
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5050, 81.0941, 60.9634



68.1943, 81.0941, 72.9757



78.6717, 81.0941, 122.7806



86.7005, 81.0941, 105.6270

Sweetspot

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



75.5071, 81.0977, 60.9651



91.7527, 97.1915, 96.1286



66.1835, 60.5532, 63.7061



19.5647, 20.7389, 20.2911



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.



75.5071, 81.0977, 60.9651



82.2214, 88.5784, 60.7374



73.2601, 84.2593, 61.6938



17.6282, 18.7405, 17.4857



31.2518, 32.3893, 4.6046



2.8146, 2.9825, 0.4273

Inverse Universe

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



58.5499, 59.3193, 93.1582



59.9520, 59.9807, 103.0254



60.4299, 56.9416, 92.6002



15.8389, 16.4421, 20.8814



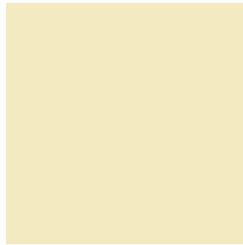
9.5031, 4.8000, 46.9636



0.9032, 0.5578, 4.1503

Previews

White Background



This preview shows how the XYZ color 75.5050, 81.0941, 60.9634 looks on a white background.

Color Contrast Check

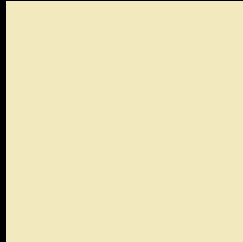
Large Text (above 18pt) WCAG AA × Fail

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 75.5050, 81.0941, 60.9634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

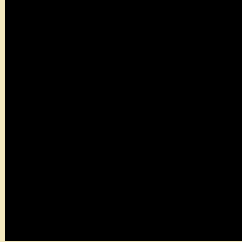
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

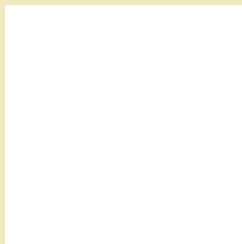
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5050, 81.0941, 60.9634

Background



This preview shows how black text looks on a background with the XYZ color 75.5050, 81.0941, 60.9634.



This preview shows how white text looks on a background with the XYZ color 75.5050, 81.0941,

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

75.5050, 81.0941, 60.9634

Protanopia

76.2666, 81.0676, 60.9182

Deuteranopia

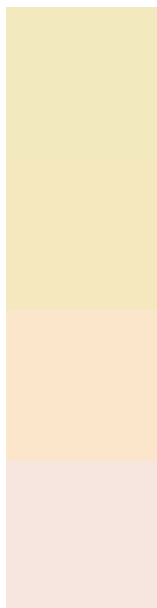
80.3419, 80.8513, 72.3442



Tritanopia

82.7984, 81.1878, 96.1009

Trichromacy



Original Color

75.5050, 81.0941, 60.9634

Protanomaly

75.9168, 80.8873, 60.9018

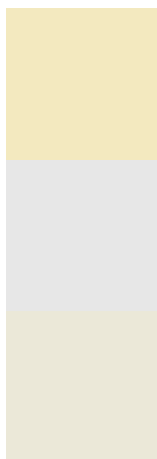
Deuteranomaly

78.5825, 80.8596, 67.9656

Tritanomaly

79.8316, 81.1946, 81.9856

Monochromacy



Original Color

75.5050, 81.0941, 60.9634

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5122, 80.3333, 76.4917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5050, 81.0941, 60.9634 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(243, 233, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 191)  
}
```

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(243, 233, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 191) }
```

Border

The CSS property to change the border of an element to XYZ 75.5050, 81.0941, 60.9634 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(243, 233, 191) }
```


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

```
.border{ border-color:rgb(243, 233, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 233, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 233, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 233, 191); box-shadow:4px 4px 4px 4px rgb(243, 233, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5050, 81.0941, 60.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 233, 191) }
```

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

```
.background{ background-color: rgb(243,  
233, 191) }
```

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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