Converting Colors

XYZ(76.1348, 77.4979, 75.7553)

Have a look what the booklet for XYZ(76.1348, 77.4979, 75.7553) contains.

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Color

XYZ(76.0125, 77.3239, 75.8845)

Conversions

Format	Color
Hex	F3E0D8
RGB	243, 224, 216
RGB Percent	95%, 88%, 85%
CMY	0.0471, 0.1215, 0.1529
CMYK	0.00, 0.08, 0.11, 0.05
HSL	18°, 53%, 90%
HSV	18°, 11%, 95%
XYZ	76.0125, 77.3239, 75.8845
YIQ	228.7690, 13.8920, 1.5400

Conversions Part 1

Conversions

Conversions Part 2

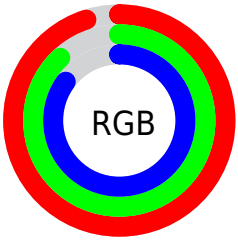
Format	Color
RYB	243, 227, 216
Decimal	15982808
CIELab	90.47, 5.18, 6.25
CIELCh	90, 8.118, 50.323
Yxy	77.3239, 0.3316, 0.3373
Android (android.graphics.Color)	4294172888 (0xFFF3E0D8)
YUV	228.7690, -6.2951, 12.4806
Hunter-Lab	87.9340, 0.4156, 10.3883

Details

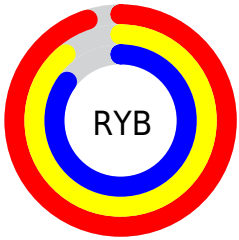
The XYZ color 76.0125, 77.3239, 75.8845 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 74.2046, 80.4851, 96.4190, and the grayscale version is 74.3459, 78.2176, 85.1790.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 41.1145, 41.5139, 39.5642 is the 20% darker color. If you saturate the color by 10%, you get 68.7349, 67.4294, 59.0884, and if you desaturate by 10%, it is 84.2211, 88.3351, 95.2848.

Distribution

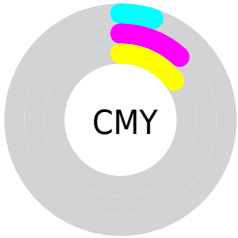


- Red (95%)
- Green (88%)
- Blue (85%)



- Red (95%)
- Yellow (89%)
- Blue (85%)

- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0125, 77.3239, 75.8845 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 76.0125, 77.3239, 75.8845 by changing the saturation by 10% instead.

76.0125, 77.3239, 75.8845

76.0125, 77.3239, 75.8845

470.3342, 485.8677, 500.2885

56.7398, 57.5188, 55.8317

126.7248, 129.5966, 129.3222

41.0357, 41.4219, 39.6649

158.8952, 162.8329, 163.5442

28.5348, 28.6489, 26.9656

196.0956, 201.3151, 203.3264

18.8717, 18.8154, 17.3152

238.6913, 245.4276, 249.0873

11.6811, 11.5369, 10.2951

287.0476, 295.5546, 301.2454

6.5975, 6.4292, 5.4869

341.5300,

3.2558, 3.1078,

352.0808, 360.2193

402.5037, 415.3903, 426.4275

2.4720

1.2904, 1.1883, 0.8253

0.1760, 0.0521, 0.0000

76.0125, 77.3239, 75.8845

68.7349, 67.4294, 59.0884

62.3479, 58.6060, 44.7801

56.8176, 50.8201, 32.8415

52.1054, 44.0321, 23.1430

76.0125, 77.3239, 75.8845

84.2211, 88.3351, 95.2848

90.7725, 97.7949, 108.6998

48.1695, 38.2002, 15.5425

44.9640, 33.2790, 9.8813

42.4376, 29.2192, 5.9777

40.5309, 25.9661, 3.6148

39.2825, 23.6948, 2.5031

Harmonies

Analogous

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

77.2126, 77.3239, 80.3722

76.0125, 77.3239, 75.8845

74.1516, 77.3239, 73.6542

Triad

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

76.0125, 77.3239, 75.8845

69.7158, 77.3239, 82.3289

74.8571, 77.3239, 95.1080

Complementary

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

76.0125, 77.3239, 75.8845

74.2046, 80.4851, 96.4190

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.

72.8404, 77.3239, 95.6911

76.0125, 77.3239, 75.8845

69.8968, 77.3239, 88.1321

Square

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

76.0125, 77.3239, 75.8845

70.5328, 77.3239, 77.2603

71.0318, 77.3239, 93.0860

76.5371, 77.3239, 91.5277

Rectangle

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

76.0125, 77.3239, 75.8845

72.7973, 77.3239, 73.6742

71.0318, 77.3239, 93.0860

74.1952, 77.3239, 95.6673

Sweetspot

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

76.0146, 77.3273, 75.8861

92.1496, 96.1310, 101.9775

76.5650, 74.1859, 89.1475

19.5614, 20.3588, 21.4412

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.

76.0146, 77.3273, 75.8861

83.1707, 84.0578, 80.8431

79.6854, 84.6688, 77.1097

16.8995, 17.2831, 17.2428

21.6612, 13.2080, 1.4077

1.9895, 1.3322, 0.1523

Inverse Universe

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

74.2046, 80.4851, 96.4190

80.8328, 88.1351, 107.3592

70.5791, 73.2340, 95.2105

16.5577, 17.8796, 21.1210

16.9903, 19.7745, 49.4594

1.5824, 1.9162, 4.3767

Previews

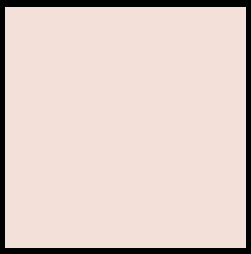
White Background

This preview shows how the XYZ color 76.0125, 77.3239, 75.8845 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



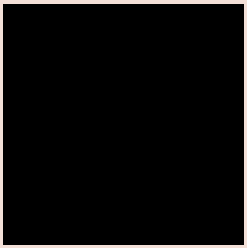
This preview shows how the XYZ color 76.0125, 77.3239, 75.8845 looks on a black background.

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 76.0125, 77.3239, 75.8845 Background



This preview shows how black text looks on a background with the XYZ color 76.0125, 77.3239, 75.8845.

This preview shows how white text looks on a background with the XYZ color 76.0125, 77.3239,

75.8845.

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
76.0125, 77.3239, 75.8845

Protanopia
74.0557, 77.4926, 77.3841

Deuteranopia
78.9906, 77.2670, 76.3964

Tritanopia
79.2951, 77.4788, 91.6645

Trichromacy

Original Color
76.0125, 77.3239, 75.8845

Protanomaly
74.6458, 77.4070, 76.6524

Deuteranomaly
77.8052, 77.0467, 76.4164

Tritanomaly
78.0604, 77.3682, 85.6822

Monochromacy

Original Color
76.0125, 77.3239, 75.8845

Achromatopsia
74.4753, 78.3538, 85.3273

Achromatomaly
74.8553, 77.8124, 81.5950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0125, 77.3239, 75.8845 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, 224, 216) looks like.

```
.text, #text, p{
    color:rgb(243, 224, 216)
}
```

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, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 216) }
```

Border

The CSS property to change the border of an element to XYZ 76.0125, 77.3239, 75.8845 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, 224, 216) }
```

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

```
.border{ border-color:rgb(243, 224, 216) }
```

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

Here you see how a box with a 4 pixel rgb(243, 224, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 224, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 224, 216); box-shadow:4px 4px 4px 4px rgb(243, 224, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0125, 77.3239, 75.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(243, 224, 216) }
```

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

```
.background{ background-color:rgb(243,
224, 216) }
```

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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