Converting Colors

XYZ(75.8223, 79.1366, 81.4859)

Have a look what the booklet for XYZ(75.8223, 79.1366, 81.4859) contains.

Color

XYZ(75.7348, 79.0826, 81.7938)

Conversions

Format	Color
Hex	EBE5E0
RGB	235, 229, 224
RGB Percent	92%, 90%, 88%
CMY	0.0784, 0.1019, 0.1216
CMYK	0.00, 0.03, 0.05, 0.08
HSL	27°, 22%, 90%
HSV	27°, 5%, 92%
XYZ	75.7348, 79.0826, 81.7938
YIQ	230.2240, 5.1810, -0.2830

Conversions Part 1

Conversions

Conversions Part 2

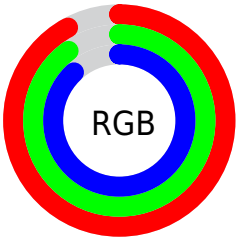
Format	Color
RYB	235, 233, 224
Decimal	15459808
CIELab	91.27, 1.16, 3.14
CIELCh	91, 3.350, 69.667
Yxy	79.0826, 0.3201, 0.3342
Android (android.graphics.Color)	4293649888 (0xFFEBE5E0)
YUV	230.2240, -3.0684, 4.1886
Hunter-Lab	88.9284, -3.6073, 7.7166

Details

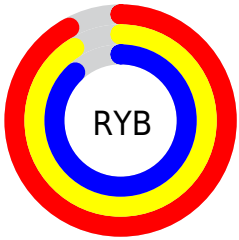
The XYZ color 75.7348, 79.0826, 81.7938 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 74.0326, 78.4379, 89.8363, and the grayscale version is 75.4008, 79.3275, 86.3877.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 40.8879, 42.7204, 43.6270 is the 20% darker color. If you saturate the color by 10%, you get 69.3516, 71.0684, 65.0137, and if you desaturate by 10%, it is 82.8245, 87.8030, 100.9845.

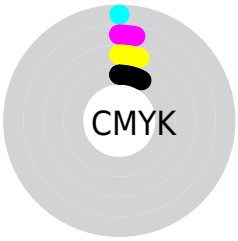
Distribution



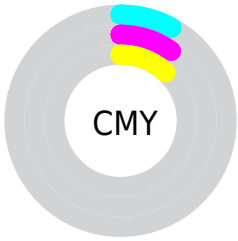
- Red (92%)
- Green (90%)
- Blue (88%)



- Red (92%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7348, 79.0826, 81.7938 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 75.7348, 79.0826, 81.7938 by changing the saturation by 10% instead.

75.7348, 79.0826, 81.7938

75.7348, 79.0826, 81.7938

469.3977, 491.8357, 520.8230

56.5114, 58.9637, 60.6608

126.3343, 132.0751, 137.7189

40.8517, 42.5839, 43.5227

158.4411, 165.7176, 173.3480

28.3904, 29.5588, 29.9610

195.5731, 204.6367, 214.6463

18.7621, 19.5039, 19.5572

238.0955, 249.2168, 262.0321

11.6015, 12.0350, 11.8927

286.3739, 299.8424, 315.9242

6.5432, 6.7675, 6.5490

340.7735,

3.2219, 3.3171,

356.8978, 376.7410

401.6596, 420.7675, 444.9011

3.1076

1.2721, 1.2995, 1.1498

0.1622, 0.1408, 0.0000

75.7348, 79.0826, 81.7938

75.7348, 79.0826, 81.7938

69.3516, 71.0684, 65.0137

82.8245, 87.8030, 100.9845

63.6448, 63.7316, 50.5427

87.9517, 96.1629, 108.5335

58.5915, 57.0565, 38.2794

88.0714, 96.4024, 108.5734

54.1650, 51.0227, 28.1130

50.3367, 45.6089, 19.9230

47.0753, 40.7920, 13.5763

44.3458, 36.5473, 8.9231

42.1087, 32.8476, 5.7900

40.3168, 29.6621, 3.9645

Harmonies

Analogous

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

76.4304, 79.0826, 83.1549

75.7348, 79.0826, 81.7938

74.8916, 79.0826, 81.5765

Triad

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

75.7348, 79.0826, 81.7938

73.5664, 79.0826, 86.8957

76.2134, 79.0826, 89.7600

Complementary

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

75.7348, 79.0826, 81.7938

74.0326, 78.4379, 89.8363

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.

75.4404, 79.0826, 90.8033

75.7348, 79.0826, 81.7938

73.9149, 79.0826, 89.1292

Square

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

75.7348, 79.0826, 81.7938

73.6439, 79.0826, 84.4918

74.5993, 79.0826, 90.5703

76.7082, 79.0826, 87.7437

Rectangle

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

75.7348, 79.0826, 81.7938

74.3598, 79.0826, 82.1052

74.5993, 79.0826, 90.5703

75.9773, 79.0826, 90.2378

Sweetspot

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

75.7370, 79.0860, 81.7955

94.2003, 98.9532, 106.6048

75.2076, 76.6906, 85.7397

20.1717, 21.1911, 22.8420

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.

75.7370, 79.0860, 81.7955

90.0806, 93.8474, 95.5712

77.2676, 82.1472, 82.3057

16.0272, 16.6799, 16.8679

22.1126, 15.9194, 1.9073

1.8314, 1.4401, 0.1814

Inverse Universe

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

74.0326, 78.4379, 89.8363

87.4630, 92.8520, 107.9202

72.5407, 75.4541, 89.3390

15.5145, 16.4849, 19.2865

12.7778, 12.2025, 45.4248

1.0993, 1.1501, 3.5989

Previews

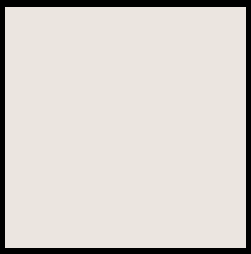
White Background

This preview shows how the XYZ color 75.7348, 79.0826, 81.7938 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



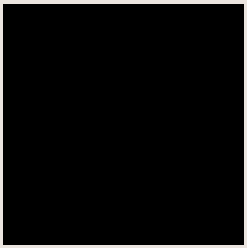
This preview shows how the XYZ color 75.7348, 79.0826, 81.7938 looks on a black background.

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 75.7348, 79.0826, 81.7938 Background



This preview shows how black text looks on a background with the XYZ color 75.7348, 79.0826, 81.7938.

This preview shows how white text looks on a background with the XYZ color 75.7348, 79.0826,

81.7938.

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
75.7348, 79.0826, 81.7938

Protanopia
75.7348, 79.0826, 81.7938

Deuteranopia
80.5849, 78.7496, 82.1871

Tritanopia
78.7854, 79.1015, 96.7036

Trichromacy

Original Color
75.7348, 79.0826, 81.7938

Protanomaly
75.7348, 79.0826, 81.7938

Deuteranomaly
78.8736, 79.0608, 82.3373

Tritanomaly
77.6802, 79.0571, 91.2861

Monochromacy

Original Color
75.7348, 79.0826, 81.7938

Achromatopsia
75.2129, 79.1298, 86.1723

Achromatomaly
75.5791, 79.3509, 84.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7348, 79.0826, 81.7938 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(235, 229, 224) looks like.

```
.text, #text, p{
    color:rgb(235, 229, 224)
}
```

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(235, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.7348, 79.0826, 81.7938 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(235, 229, 224) }
```

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

```
.border{ border-color:rgb(235, 229, 224) }
```

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

Here you see how a box with a 4 pixel rgb(235, 229, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 229, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 229, 224); box-shadow:4px 4px 4px 4px rgb(235, 229, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7348, 79.0826, 81.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(235, 229, 224) }
```

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

```
.background{ background-color:rgb(235,
229, 224) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor