

Converting Colors

XYZ(75.3788, 79.4111, 73.7410)

Have a look what the booklet for
XYZ(75.3788, 79.4111, 73.7410)
contains.

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Color

**XYZ(75.4404, 79.5242,
73.6609)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE6D4
RGB	238, 230, 212
RGB Percent	93%, 90%, 83%
CMY	0.0667, 0.0980, 0.1686
CMYK	0.00, 0.03, 0.11, 0.07
HSL	42°, 43%, 88%
HSV	42°, 11%, 93%
XYZ	75.4404, 79.5242, 73.6609
YIQ	230.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

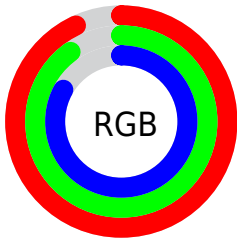
Format	Color
R_YB	224, 238, 212
Decimal	15656660
CIE Lab	91.47, -0.30, 9.72
CIE LCh	91, 9.727, 91.746
Yxy	79.5242, 0.3300, 0.3478
Android (android.graphics.Color)	4293846740 (0xFFEEE6D4)
YUV	230.3400, -9.0416, 6.7178
Hunter-Lab	89.1763, -5.0532, 13.4491

Details

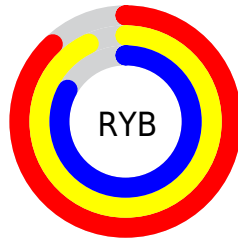
The XYZ color **75.4404, 79.5242, 73.6609** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.1771, 71.3553, 91.0695**, and the grayscale version is **75.5268, 79.4601, 86.5320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7072, 43.0393, 38.0602** is the 20% darker color. If you saturate the color by 10%, you get **70.6631, 74.4249, 58.3321**, and if you desaturate by 10%, it is **80.7502, 84.9786, 91.3525**.

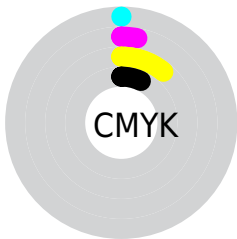
Distribution



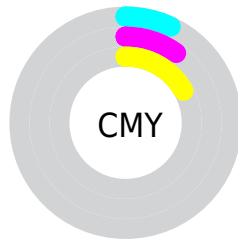
- Red (93%)
- Green (90%)
- Blue (83%)



- Red (88%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4404, 79.5242, 73.6609 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 75.4404, 79.5242, 73.6609 by changing the saturation by 10% instead.

75.4404, 79.5242,
73.6609

75.4404, 79.5242,
73.6609

468.4038,
493.3279, 492.4343

56.2692, 59.3269,
54.0214

125.9201,
132.6966, 126.1446

40.6566, 42.8763,
38.2255

157.9594,
166.4404, 159.8259

28.2374, 29.7881,
25.8546

195.0187,
205.4686, 199.0249

18.6460, 19.6778,
16.4901

237.4635,
250.1655, 244.1601

11.5173, 12.1611,
9.7135

285.6590,
300.9155, 295.6502

6.4857, 6.8535,
5.1063

339.9707,

3.1861, 3.3706,

358.1029, 353.9135

2.2499

400.7638,
422.1123, 419.3687

■ 1.2529, 1.3281,
0.7030

■ 0.1475, 0.1628,
0.0000

■ 75.4404, 79.5242,
73.6609

■ 75.4404, 79.5242,
73.6609

■ 70.6631, 74.4249,
58.3321

■ 80.7502, 84.9786,
91.3525

■ 66.3916, 69.6604,
45.2589

■ 85.8551, 90.4869,
107.5484

■ 62.6060, 65.2239,
34.3338

■ 88.1091, 94.9950,
108.2998

■ 59.2831, 61.1041,
25.4381

■ 89.0703, 96.9174,
108.6202

■ 56.3969, 57.2891,
18.4417

■ 53.9188, 53.7656,
13.1990

■ 51.8161, 50.5187,
9.5434

■ 50.0498, 47.5308,
7.2755

■ 48.6811, 45.0190,
6.1238

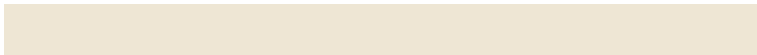
Harmonies

Analogous

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



77.8618, 79.5242, 75.1235



75.4404, 79.5242, 73.6609



73.1077, 79.5242, 75.5020

Triad

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



75.4404, 79.5242, 73.6609



71.6081, 79.5242, 93.9632



79.8576, 79.5242, 93.2054

Complementary

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



75.4404, 79.5242, 73.6609



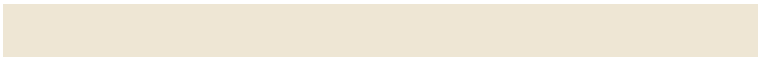
68.1771, 71.3553, 91.0695

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.



78.1184, 79.5242, 98.7100



75.4404, 79.5242, 73.6609



73.3537, 79.5242, 99.1641

Square

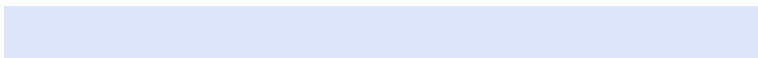
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4404, 79.5242, 73.6609



70.9253, 79.5242, 87.0044



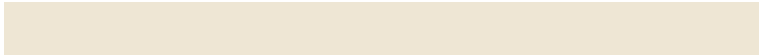
75.7305, 79.5242, 100.9461



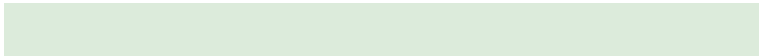
80.4452, 79.5242, 86.1736

Rectangle

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



75.4404, 79.5242, 73.6609



71.9076, 79.5242, 78.4168



75.7305, 79.5242, 100.9461



79.3864, 79.5242, 95.3087

Sweetspot

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



75.4426, 79.5277, 73.6626



93.0967, 98.0252, 102.2932



71.7536, 70.4449, 77.6888



19.8169, 20.8698, 21.5264



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.



75.4426, 79.5277, 73.6626



86.9983, 91.7131, 82.1190



76.1397, 83.2665, 74.3475



16.6889, 17.5909, 16.6655



27.2787, 25.3555, 3.4564



2.3570, 2.2847, 0.3168

Inverse Universe

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



68.1771, 71.3553, 91.0695



76.9974, 80.4642, 106.0807



67.5231, 67.9772, 90.4519



15.2937, 16.0215, 20.0080



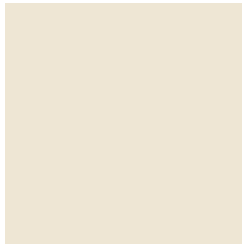
10.0465, 6.3172, 45.8177



0.9206, 0.6953, 3.8399

Previews

White Background



This preview shows how the XYZ color 75.4404, 79.5242, 73.6609 looks on a white background.

Color Contrast Check

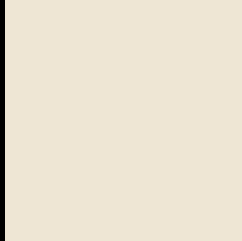
Large Text (above 18pt) WCAG AA × Fail

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 75.4404, 79.5242, 73.6609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

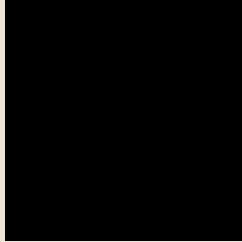
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

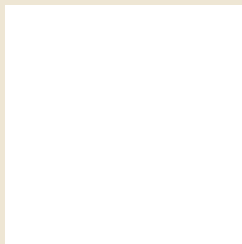
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4404, 79.5242, 73.6609

Background



This preview shows how black text looks on a background with the XYZ color 75.4404, 79.5242, 73.6609.

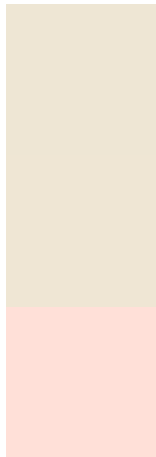


This preview shows how white text looks on a background with the XYZ color 75.4404, 79.5242,

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

75.4404, 79.5242, 73.6609

Protanopia

75.7771, 79.6978, 73.6767

Deuteranopia

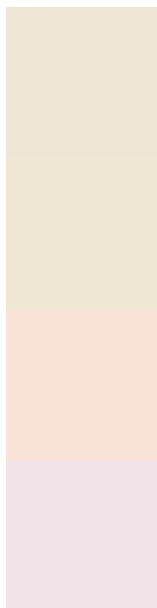
80.2903, 79.5292, 76.0847



Tritanopia

79.7208, 79.1987, 95.8792

Trichromacy



Original Color

75.4404, 79.5242, 73.6609

Protanomaly

75.7771, 79.6978, 73.6767

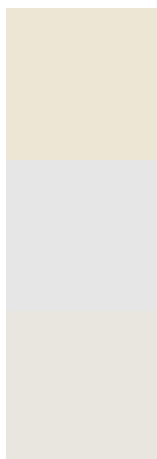
Deuteranomaly

78.5290, 79.4387, 75.4843

Tritanomaly

78.3102, 79.4651, 87.5548

Monochromacy



Original Color

75.4404, 79.5242, 73.6609

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2204, 79.2450, 81.1433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4404, 79.5242, 73.6609 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(238, 230, 212)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 212)  
}
```

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(238, 230, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.4404, 79.5242, 73.6609 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(238, 230, 212) }
```


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

```
.border{ border-color:rgb(238, 230, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 230, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 230, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 230, 212); box-shadow:4px 4px 4px 4px rgb(238, 230, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4404, 79.5242, 73.6609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 212) }
```

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

```
.background{ background-color: rgb(238,  
230, 212) }
```

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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