

Converting Colors

XYZ(70.0660, 75.7467, 63.1523)

Have a look what the booklet for
XYZ(70.0660, 75.7467, 63.1523)
contains.

XYZ(70.0660, 75.7467, 63.1523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.0660, 75.7467,
63.1523)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3C4
RGB	230, 227, 196
RGB Percent	90%, 89%, 77%
CMY	0.0980, 0.1098, 0.2314
CMYK	0.00, 0.01, 0.15, 0.10
HSL	55°, 40%, 84%
HSV	55°, 15%, 90%
XYZ	70.0660, 75.7467, 63.1523
YIQ	224.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

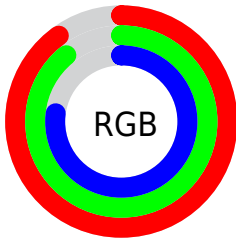
Format	Color
RYB	199, 230, 196
Decimal	15131588
CIELab	89.74, -4.11, 15.52
CIELCh	90, 16.056, 104.822
Yxy	75.7467, 0.3353, 0.3625
Android (android.graphics.Color)	4293321668 (0xFFE6E3C4)
YUV	224.3630, -13.9830, 4.9436
Hunter-Lab	87.0326, -8.6047, 17.9010

Details

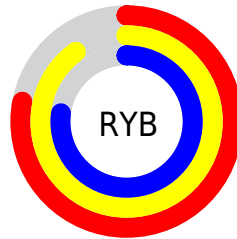
The XYZ color **70.0660, 75.7467, 63.1523** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.4711, 58.2946, 83.0863**, and the grayscale version is **71.2040, 74.9121, 81.5793**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **37.0906, 40.4567, 31.4452** is the 20% darker color. If you saturate the color by 10%, you get **67.0961, 73.6798, 50.2214**, and if you desaturate by 10%, it is **73.4479, 77.9939, 78.2024**.

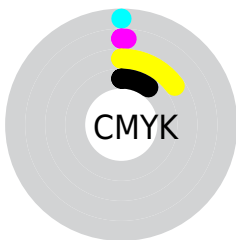
Distribution



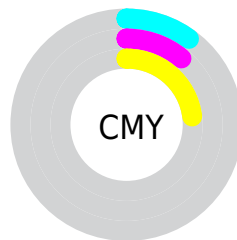
- Red (90%)
- Green (89%)
- Blue (77%)



- Red (78%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0660, 75.7467, 63.1523 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 70.0660, 75.7467, 63.1523 by changing the saturation by 10% instead.

70.0660, 75.7467,
63.1523

70.0660, 75.7467,
63.1523

450.0445,
480.4802, 454.2452

51.8601, 56.2248,
45.5226

118.3286,
127.3688, 110.9769

37.1174, 40.3832,
31.5233

149.1161,
160.2378, 142.0089

25.4725, 27.8375,
20.7359

184.8281,
198.3246, 178.3455

16.5600, 18.2032,
12.7417

225.8301,
242.0137, 220.4051

10.0147, 11.0959,
7.1223

272.4874,
291.6894, 268.6063

5.4710, 6.1314,
3.4591

325.1653,

2.5638, 2.9252,

347.7361, 323.3677

1.3336

384.2292,
410.5382, 385.1078

■ 0.9275, 1.0928,
0.0891

■ 0.0000, 0.0000,
0.0000

■ 70.0660, 75.7467,
63.1523

■ 70.0660, 75.7467,
63.1523

■ 67.0961, 73.6798,
50.2214

■ 73.4479, 77.9939,
78.2024

■ 64.5138, 71.7758,
39.3088

■ 77.2528, 80.4182,
95.4566

■ 62.3016, 70.0302,
30.3128

■ 79.8460, 82.3684,
106.2981

■ 60.4380, 68.4343,
23.1209

■ 80.4232, 83.5227,
106.4905

■ 58.8994, 66.9788,
17.6088

■ 81.0069, 84.6902,
106.6851

■ 57.6592, 65.6529,
13.6365

■ 81.5973, 85.8710,
106.8819

■ 56.6866, 64.4442,
11.0415

■ 82.1943, 87.0651,
107.0809

■ 55.9437, 63.3376,
9.6247

■ 82.7980, 88.2725,
107.2821

■ 55.6159, 62.7882,
9.1881

■ 83.4084, 89.4933,
107.4856

Harmonies

Analogous

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



74.0055, 75.7467, 63.1816



70.0660, 75.7467, 63.1523



66.7636, 75.7467, 67.9646

Triad

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



70.0660, 75.7467, 63.1523



66.7319, 75.7467, 98.8091



79.5907, 75.7467, 88.3130

Complementary

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



70.0660, 75.7467, 63.1523



57.4711, 58.2946, 83.0863

Split Complementary

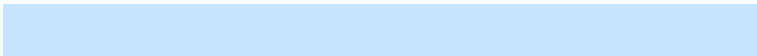
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4927, 75.7467, 98.9170



70.0660, 75.7467, 63.1523



70.0212, 75.7467, 105.3441

Square

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



70.0660, 75.7467, 63.1523



64.8871, 75.7467, 88.1763



73.9590, 75.7467, 105.3853



79.6038, 75.7467, 77.0254

Rectangle

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



70.0660, 75.7467, 63.1523



65.3264, 75.7467, 73.5479



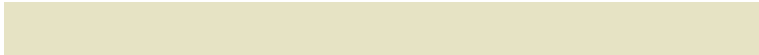
73.9590, 75.7467, 105.3853



79.1026, 75.7467, 92.0973

Sweetspot

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



70.0680, 75.7500, 63.1539



93.1649, 98.7884, 100.3840



62.7292, 60.4460, 62.6388



19.8673, 21.0969, 21.1544



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.



70.0680, 75.7500, 63.1539



87.2447, 94.8357, 74.0934



66.6986, 75.2397, 63.2330



15.4873, 16.5886, 15.2901



31.5325, 35.6392, 5.2171



2.3622, 2.6977, 0.3962

Inverse Universe

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



57.4711, 58.2946, 83.0863



68.2031, 68.4505, 104.2253



60.4884, 58.8371, 83.0320



13.6844, 14.0902, 18.1428



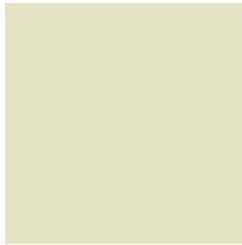
8.2674, 3.5969, 42.6417



0.6463, 0.3365, 3.1629

Previews

White Background



This preview shows how the XYZ color 70.0660, 75.7467, 63.1523 looks on a white background.

Color Contrast Check

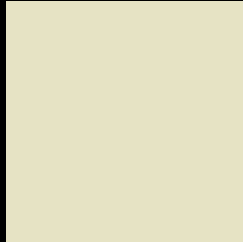
Large Text (above 18pt) WCAG AA × Fail

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 70.0660, 75.7467, 63.1523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

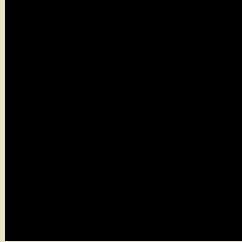
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

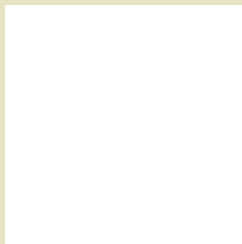
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0660, 75.7467, 63.1523

Background



This preview shows how black text looks on a background with the XYZ color 70.0660, 75.7467, 63.1523.

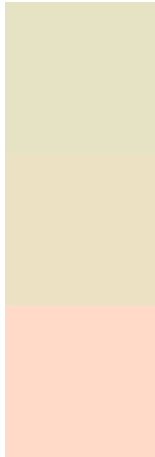


This preview shows how white text looks on a background with the XYZ color 70.0660, 75.7467,

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

70.0660, 75.7467, 63.1523

Protanopia

71.7006, 75.7951, 62.4806

Deuteranopia

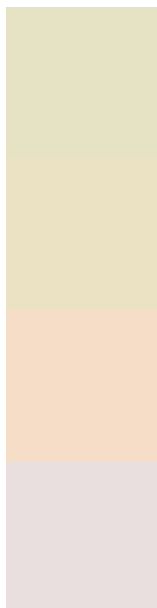
76.7367, 75.5729, 65.1862



Tritanopia

75.8811, 75.7188, 91.5047

Trichromacy



Original Color

70.0660, 75.7467, 63.1523

Protanomaly

70.9784, 75.8253, 62.5245

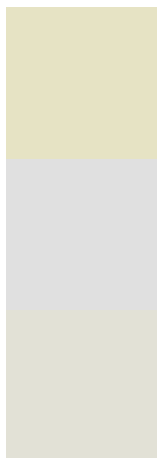
Deuteranomaly

74.1713, 75.4293, 64.6829

Tritanomaly

73.6386, 75.5955, 80.5223

Monochromacy



Original Color

70.0660, 75.7467, 63.1523

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.4268, 74.8742, 74.3586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0660, 75.7467, 63.1523 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(230, 227, 196)` looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 196)  
}
```

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(230, 227, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 196) }
```

Border

The CSS property to change the border of an element to XYZ 70.0660, 75.7467, 63.1523 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(230, 227, 196) }
```


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

```
.border{ border-color:rgb(230, 227, 196) }
```

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

Here you see how a box with a 4 pixel rgb(230, 227, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 196);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0660, 75.7467, 63.1523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 196) }
```

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

```
.background{ background-color: rgb(230,  
227, 196) }
```

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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