

Converting Colors

XYZ(67.3744, 73.6674, 75.9054)

Have a look what the booklet for
XYZ(67.3744, 73.6674, 75.9054)
contains.

XYZ(67.3226, 73.6467, 75.6327)	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(67.3226, 73.6467,
75.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E2D8
RGB	214, 226, 216
RGB Percent	84%, 89%, 85%
CMY	0.1608, 0.1137, 0.1529
CMYK	0.05, 0.00, 0.04, 0.11
HSL	130°, 17%, 86%
HSV	130°, 5%, 89%
XYZ	67.3226, 73.6467, 75.6327
YIQ	221.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

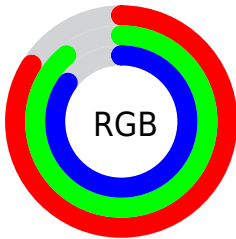
Format	Color
RYB	214, 224, 226
Decimal	14082776
CIELab	88.76, -5.83, 3.49
CIElCh	89, 6.793, 149.111
Yxy	73.6467, 0.3108, 0.3400
Android (android.graphics.Color)	4292272856 (0xFFD6E2D8)
YUV	221.2720, -2.5991, -6.3775
Hunter-Lab	85.8177, -10.1505, 7.8190

Details

The XYZ color **67.3226, 73.6467, 75.6327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8679, 69.6456, 80.3379**, and the grayscale version is **68.9397, 72.5300, 78.9851**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2940, 39.0700, 39.3993** is the 20% darker color. If you saturate the color by 10%, you get **58.8818, 69.5628, 63.2472**, and if you desaturate by 10%, it is **76.9619, 78.3203, 89.5344**.

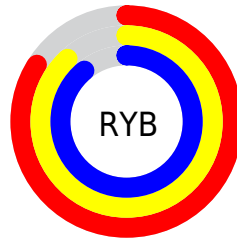
Distribution



Red (84%)

Green (89%)

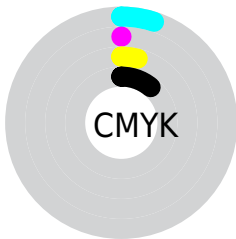
Blue (85%)



Red (84%)

Yellow (88%)

Blue (89%)

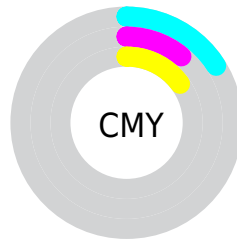


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3226, 73.6467, 75.6327 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 67.3226, 73.6467, 75.6327 by changing the saturation by 10% instead.

■ 67.3226, 73.6467,
75.6327

■ 67.3226, 73.6467,
75.6327

440.5067,
473.2531, 499.4028

■ 49.6185, 54.5049,
55.6265

114.4298,
124.3949, 128.9629

■ 35.3269, 39.0055,
39.5016

144.5636,
156.7700, 163.1240

■ 24.0825, 26.7640,
26.8393

179.5713,
194.3251, 202.8405

■ 15.5199, 17.3961,
17.2212

219.8184,
237.4445, 248.5309

■ 9.2738, 10.5173,
10.2287

265.6701,
286.5126, 300.6138

■ 4.9787, 5.7432,
5.4433

317.4918,

■ 2.2694, 2.6896,

341.9138, 359.5077

2.4464

375.6489,
404.0325, 425.6312

■ 0.7789, 0.9719,
0.8115

■ 0.0000, 0.0000,
0.0000

■ 67.3226, 73.6467,
75.6327

■ 67.3226, 73.6467,
75.6327

■ 58.8818, 69.5628,
63.2472

■ 76.9619, 78.3203,
89.5344

■ 51.5865, 66.0362,
52.3219

■ 86.2745, 82.7902,
104.9231

■ 45.3887, 63.0454,
42.8043

■ 86.4878, 82.8755,
106.0459

■ 40.2348, 60.5639,
34.6372

■ 36.0667, 58.5630,
27.7593

■ 32.8202, 57.0112,
22.1045

■ 30.4238, 55.8730,
17.6011

■ 28.7948, 55.1075,
14.1694

■ 27.8333, 54.6651,
11.7200

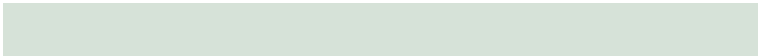
Harmonies

Analogous

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



68.4732, 73.6467, 72.5405



67.3226, 73.6467, 75.6327



66.8873, 73.6467, 80.0484

Triad

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



67.3226, 73.6467, 75.6327



69.9500, 73.6467, 89.5803



72.7957, 73.6467, 75.8669

Complementary

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



67.3226, 73.6467, 75.6327



68.8679, 69.6456, 80.3379

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.



73.2057, 73.6467, 80.3293



67.3226, 73.6467, 75.6327



71.5473, 73.6467, 88.3566

Square

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



67.3226, 73.6467, 75.6327



68.3895, 73.6467, 88.2068



72.7454, 73.6467, 84.9242



71.6335, 73.6467, 72.6719

Rectangle

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



67.3226, 73.6467, 75.6327



67.0560, 73.6467, 83.1877



72.7454, 73.6467, 84.9242



73.0269, 73.6467, 77.2628

Sweetspot

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



67.3247, 73.6499, 75.6343



92.5217, 98.7748, 105.2491



70.1395, 75.1306, 74.4243



19.8299, 21.1547, 22.5660



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.



67.3247, 73.6499, 75.6343



87.6579, 96.4186, 98.1914



68.0883, 73.9553, 79.6557



14.1490, 15.6298, 15.8128



15.7412, 31.1213, 6.3604



1.1197, 2.1686, 0.5914

Inverse Universe

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



68.8679, 69.6456, 80.3379



89.9541, 90.4606, 105.1899



68.0941, 69.3361, 76.2632



14.5560, 14.5736, 17.0534



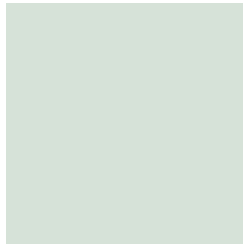
23.1309, 11.3194, 28.4188



1.6297, 0.7952, 2.1089

Previews

White Background



This preview shows how the XYZ color 67.3226, 73.6467, 75.6327 looks on a white background.

Color Contrast Check

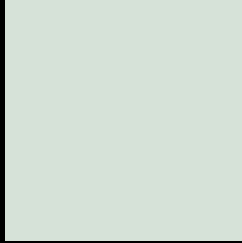
Large Text (above 18pt) WCAG AA × Fail

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 67.3226, 73.6467, 75.6327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

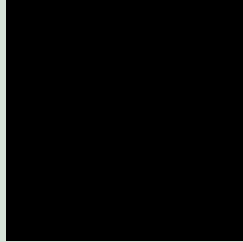
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

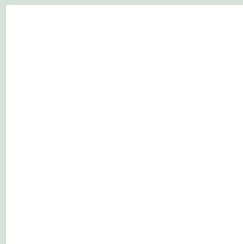
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3226, 73.6467, 75.6327

Background



This preview shows how black text looks on a background with the XYZ color 67.3226, 73.6467, 75.6327.



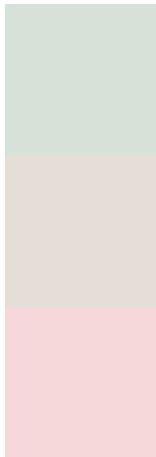
This preview shows how white text looks on a background with the XYZ color 67.3226, 73.6467,

75.6327.

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

67.3226, 73.6467, 75.6327

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

74.9614, 73.2557, 76.5185



Tritanopia

70.7629, 73.4392, 92.8837

Trichromacy



Original Color

67.3226, 73.6467, 75.6327

Protanomaly

69.3939, 73.5289, 74.8250

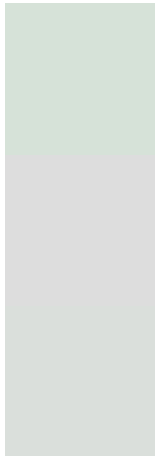
Deuteranomaly

71.7876, 73.1652, 75.9843

Tritanomaly

69.4268, 73.2966, 86.0898

Monochromacy



Original Color

67.3226, 73.6467, 75.6327

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0873, 72.7953, 77.4801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3226, 73.6467, 75.6327 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(214, 226, 216) looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 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(214, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 216) }
```

Border

The CSS property to change the border of an element to XYZ 67.3226, 73.6467, 75.6327 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(214, 226, 216) }
```


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

```
.border{ border-color:rgb(214, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3226, 73.6467, 75.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 216) }
```

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

```
.background{ background-color: rgb(214,  
226, 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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