

Converting Colors

XYZ(67.1959, 72.4338, 83.6406)

Have a look what the booklet for
XYZ(67.1959, 72.4338, 83.6406)
contains.

XYZ(67.2376, 72.6144, 83.8710)	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(67.2376, 72.6144,
83.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E0E4
RGB	210, 224, 228
RGB Percent	82%, 88%, 89%
CMY	0.1765, 0.1215, 0.1059
CMYK	0.08, 0.02, 0.00, 0.11
HSL	193°, 25%, 86%
HSV	193°, 8%, 89%
XYZ	67.2376, 72.6144, 83.8710
YIQ	220.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

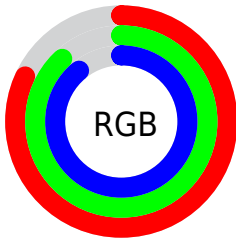
Format	Color
RYB	210, 218, 228
Decimal	13820132
CIELab	88.26, -3.90, -3.57
CIElCh	88, 5.286, 222.497
Yxy	72.6144, 0.3005, 0.3246
Android (android.graphics.Color)	4292010212 (0xFFD2E0E4)
YUV	220.2700, 3.8109, -9.0068
Hunter-Lab	85.2141, -8.2804, 1.2943

Details

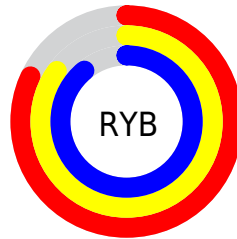
The XYZ color **67.2376, 72.6144, 83.8710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6746, 69.2398, 70.7717**, and the grayscale version is **68.1968, 71.7484, 78.1340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2484, 38.3616, 45.0819** is the 20% darker color. If you saturate the color by 10%, you get **59.8633, 66.8249, 83.1433**, and if you desaturate by 10%, it is **75.5814, 78.9678, 84.6587**.

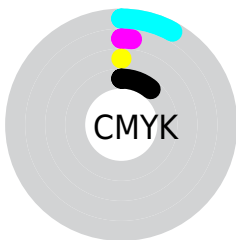
Distribution



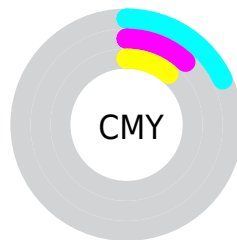
- Red (82%)
- Green (88%)
- Blue (89%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2376, 72.6144, 83.8710 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 67.2376, 72.6144, 83.8710 by changing the saturation by 10% instead.

■ 67.2376, 72.6144,
83.8710

■ 67.2376, 72.6144,
83.8710

440.2092,
469.6773, 527.9316

■ 49.5491, 53.6607,
62.3642

114.3087,
122.9296, 140.6548

■ 35.2716, 38.3305,
44.8893

144.4221,
155.0600, 176.7689

■ 24.0397, 26.2393,
31.0279

179.4078,
192.3514, 218.5891

■ 15.4880, 17.0027,
20.3615

219.6313,
235.1882, 266.5341

■ 9.2511, 10.2364,
12.4714

265.4578,
283.9547, 321.0222

■ 4.9637, 5.5560,
6.9392

317.2527,

■ 2.2605, 2.5770,

339.0355, 382.4722

3.3462

375.3814,
400.8149, 451.3025

■ 0.7744, 0.9151,
1.2740

■ 0.0000, 0.0000,
0.0404

■ 67.2376, 72.6144,
83.8710

■ 67.2376, 72.6144,
83.8710

■ 59.8633, 66.8249,
83.1433

■ 75.5814, 78.9678,
84.6587

■ 53.4129, 61.5694,
82.4689

■ 84.7036, 85.7811,
85.4930

■ 47.8467, 56.8288,
81.8472

■ 86.1666, 88.7071,
85.9807

■ 43.1191, 52.5790,
81.2761

■ 87.6711, 91.7162,
86.4822

■ 39.1807, 48.7942,
80.7531

■ 89.2175, 94.8090,
86.9976

■ 35.9764, 45.4453,
80.2756

■ 90.8061, 97.9861,
87.5272

■ 33.4440, 42.4997,
79.8405

■ 91.0038, 98.3815,
87.5931

■ 31.5099, 39.9190,
79.4443

■ 30.0727, 37.6502,
79.0822

Harmonies

Analogous

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



66.6672, 72.6144, 80.5837



67.2376, 72.6144, 83.8710



68.2879, 72.6144, 85.9052

Triad

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



67.2376, 72.6144, 83.8710



71.3667, 72.6144, 81.1812



68.4921, 72.6144, 72.4485

Complementary

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



67.2376, 72.6144, 83.8710



67.6746, 69.2398, 70.7717

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.



69.7529, 72.6144, 72.5974



67.2376, 72.6144, 83.8710



71.4230, 72.6144, 77.5650

Square

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



67.2376, 72.6144, 83.8710



70.6762, 72.6144, 84.3199



70.8292, 72.6144, 74.4457



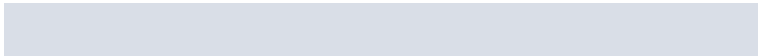
67.3855, 72.6144, 74.0326

Rectangle

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



67.2376, 72.6144, 83.8710



69.1240, 72.6144, 86.2400



70.8292, 72.6144, 74.4457



68.9118, 72.6144, 72.2990

Sweetspot

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



67.2397, 72.6175, 83.8726



92.8383, 98.3252, 108.6933



66.4478, 74.0396, 74.3415



19.8944, 21.0632, 23.2670



0.0000, 0.0000, 0.0000



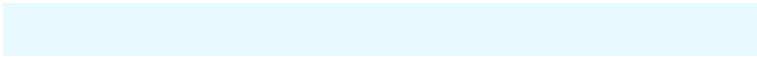
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2397, 72.6175, 83.8726



85.5008, 92.6960, 107.9935



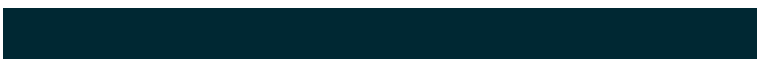
64.9090, 67.9562, 83.0957



14.5218, 15.7649, 18.4219



17.2996, 21.6613, 45.6524



1.3455, 1.7349, 3.3959

Inverse Universe

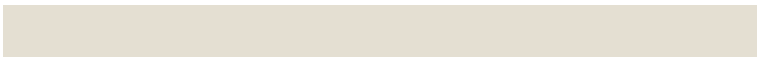
The Inverse Universe completely reimagines the original color for something new.



68.4977, 67.9704, 80.0340



87.3510, 85.8975, 102.3399



69.9899, 73.8703, 71.5435



14.8509, 14.5576, 17.4155



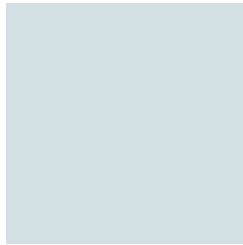
23.1255, 11.3844, 25.3538



1.7428, 0.8548, 2.0519

Previews

White Background



This preview shows how the XYZ color 67.2376, 72.6144, 83.8710 looks on a white background.

Color Contrast Check

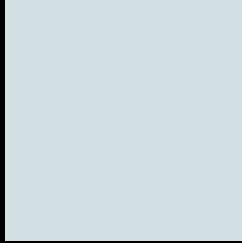
Large Text (above 18pt) WCAG AA × Fail

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 67.2376, 72.6144, 83.8710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

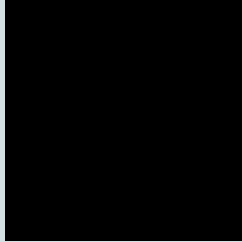
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

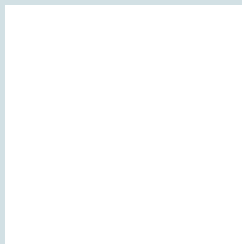
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2376, 72.6144, 83.8710

Background



This preview shows how black text looks on a background with the XYZ color 67.2376, 72.6144, 83.8710.

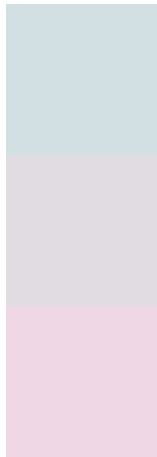


This preview shows how white text looks on a background with the XYZ color 67.2376, 72.6144,

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

67.2376, 72.6144, 83.8710

Protanopia

70.0611, 72.5247, 82.2576

Deuteranopia

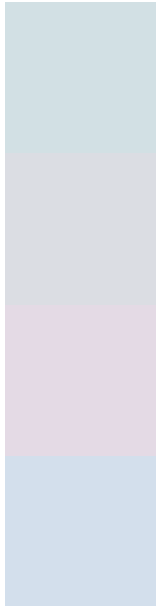
74.1800, 72.6648, 84.9789



Tritanopia

69.0008, 72.5309, 92.8012

Trichromacy



Original Color

67.2376, 72.6144, 83.8710

Protanomaly

68.9350, 72.3190, 82.9987

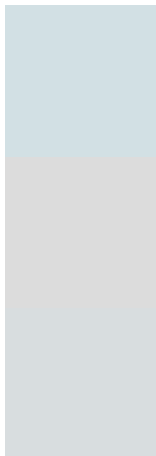
Deuteranomaly

71.2092, 72.2939, 84.3297

Tritanomaly

68.3920, 72.6804, 89.7810

Monochromacy



Original Color

67.2376, 72.6144, 83.8710

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4946, 71.6395, 80.0825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2376, 72.6144, 83.8710 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(210, 224, 228) looks like.

```
.text, #text, p{  
    color:rgb(210, 224, 228)  
}
```

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(210, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 228) }
```

Border

The CSS property to change the border of an element to XYZ 67.2376, 72.6144, 83.8710 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(210, 224, 228) }
```


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

```
.border{ border-color:rgb(210, 224, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 224, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2376, 72.6144, 83.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 228) }
```

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

```
.background{ background-color: rgb(210,  
224, 228) }
```

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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