

Converting Colors

XYZ(62.1390, 71.2394, 68.9257)

Have a look what the booklet for
XYZ(62.1390, 71.2394, 68.9257)
contains.

XYZ(62.1564, 71.1283, 68.8457)	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(62.1564, 71.1283,
68.8457)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E2CE
RGB	200, 226, 206
RGB Percent	78%, 89%, 81%
CMY	0.2157, 0.1137, 0.1921
CMYK	0.12, 0.00, 0.09, 0.11
HSL	134°, 31%, 84%
HSV	134°, 12%, 89%
XYZ	62.1564, 71.1283, 68.8457
YIQ	215.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

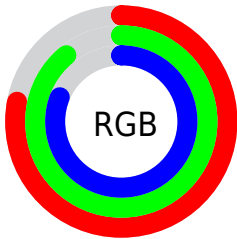
Format	Color
R_{YB}	200, 221, 226
Decimal	13165262
CIE _{Lab}	87.55, -12.33, 6.87
CIE _{LCh}	88, 14.113, 150.872
Yxy	71.1283, 0.3075, 0.3519
Android (android.graphics.Color)	4291355342 (0xFFC8E2CE)
YUV	215.9460, -4.9034, -13.9846
Hunter-Lab	84.3376, -16.0372, 10.6372

Details

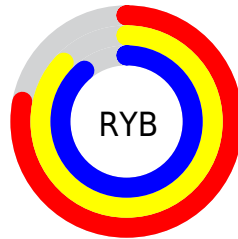
The XYZ color **62.1564, 71.1283, 68.8457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9392, 62.6465, 76.3829**, and the grayscale version is **65.2719, 68.6711, 74.7829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0845, 37.5038, 35.2537** is the 20% darker color. If you saturate the color by 10%, you get **54.5644, 67.4472, 58.0687**, and if you desaturate by 10%, it is **70.8783, 75.3689, 80.8981**.

Distribution



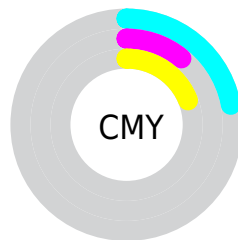
- Red (78%)
- Green (89%)
- Blue (81%)



- Red (78%)
- Yellow (87%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1564, 71.1283, 68.8457 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 62.1564, 71.1283, 68.8457 by changing the saturation by 10% instead.

■ 62.1564, 71.1283,
68.8457

■ 62.1564, 71.1283,
68.8457

422.2098,
464.5018, 475.1658

■ 45.4152, 52.4469,
50.1151

107.0402,
120.8164, 119.2268

■ 31.9872, 37.3614,
35.1330

135.9135,
152.5919, 151.7143

■ 21.5072, 25.4874,
23.4810

169.5615,
189.5008, 189.6246

■ 13.6099, 16.4406,
14.7404

208.3496,
231.9277, 233.3762

■ 7.9297, 9.8365,
8.4928

252.6431,
280.2568, 283.3875

■ 4.1014, 5.2907,
4.3196

302.8074,

■ 1.7597, 2.4188,

334.8726, 340.0772

1.8023

359.2079,
396.1595, 403.8638

■ 0.4932, 0.8355,
0.4295

■ 0.0000, 0.0000,
0.0000

■ 62.1564, 71.1283,
68.8457

■ 62.1564, 71.1283,
68.8457

■ 54.5644, 67.4472,
58.0687

■ 70.8783, 75.3689,
80.8981

■ 48.0497, 64.2933,
48.5208

■ 80.7679, 80.1817,
94.2611

■ 42.5646, 61.6450,
40.1595

■ 86.4877, 82.8754,
106.0459

■ 38.0551, 59.4755,
32.9383

■ 34.4623, 57.7553,
26.8075

■ 31.7209, 56.4520,
21.7139

■ 29.7564, 55.5283,
17.5995

■ 28.4808, 54.9401,
14.4006

■ 27.8209, 54.6447,
12.3476

Harmonies

Analogous

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



64.3676, 71.1283, 62.7272



62.1564, 71.1283, 68.8457



61.3934, 71.1283, 77.7264

Triad

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



62.1564, 71.1283, 68.8457



67.7029, 71.1283, 97.3017



73.2607, 71.1283, 68.3992

Complementary

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



62.1564, 71.1283, 68.8457



64.9392, 62.6465, 76.3829

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.



74.2228, 71.1283, 77.1675



62.1564, 71.1283, 68.8457



70.9498, 71.1283, 94.3055

Square

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



62.1564, 71.1283, 68.8457



64.5313, 71.1283, 94.6245



73.3637, 71.1283, 86.7356



70.7754, 71.1283, 62.4847

Rectangle

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



62.1564, 71.1283, 68.8457



61.7882, 71.1283, 84.1765



73.3637, 71.1283, 86.7356



73.7766, 71.1283, 71.0854

Sweetspot

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



62.1584, 71.1313, 68.8473



91.3582, 98.2046, 103.8570



67.2508, 73.8392, 65.3525



19.3483, 20.9196, 21.9469



0.0000, 0.0000, 0.0000



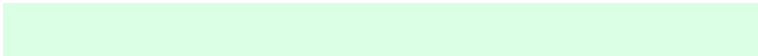
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1584, 71.1313, 68.8473



79.0032, 92.2024, 86.6956



63.7561, 71.7704, 77.2606



13.6577, 15.3888, 15.2327



15.9088, 31.1884, 7.2428



1.1369, 2.1755, 0.6821

Inverse Universe

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



64.9392, 62.6465, 76.3829



83.4017, 78.7805, 98.6140



63.3280, 62.0020, 67.8983



14.1526, 13.8787, 16.5740



22.2911, 10.9834, 23.9965



1.5784, 0.7747, 1.8389

Previews

White Background



This preview shows how the XYZ color 62.1564, 71.1283, 68.8457 looks on a white background.

Color Contrast Check

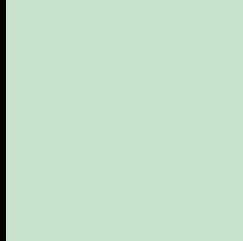
Large Text (above 18pt) WCAG AA × Fail

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 62.1564, 71.1283, 68.8457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

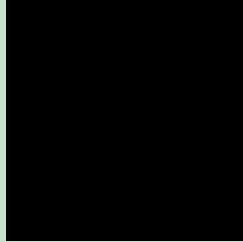
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

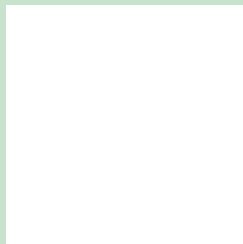
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1564, 71.1283, 68.8457

Background



This preview shows how black text looks on a background with the XYZ color 62.1564, 71.1283, 68.8457.



This preview shows how white text looks on a background with the XYZ color 62.1564, 71.1283,

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

62.1564, 71.1283, 68.8457

Protanopia

67.4106, 70.7380, 65.9780

Deuteranopia

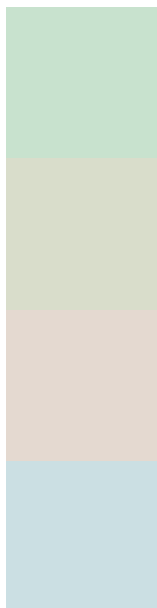
72.3603, 70.9235, 70.1974



Tritanopia

66.6133, 70.9240, 91.8402

Trichromacy



Original Color

62.1564, 71.1283, 68.8457

Protanomaly

65.2512, 70.7764, 66.7220

Deuteranomaly

68.1929, 70.6738, 69.7218

Tritanomaly

64.8814, 71.0179, 82.9613

Monochromacy



Original Color

62.1564, 71.1283, 68.8457

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0552, 69.6415, 72.3534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1564, 71.1283, 68.8457 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(200, 226, 206)` looks like.

```
.text, #text, p{  
    color:rgb(200, 226, 206)  
}
```

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(200, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 226, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.1564, 71.1283, 68.8457 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(200, 226, 206) }
```


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

```
.border{ border-color:rgb(200, 226, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(200, 226,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1564, 71.1283, 68.8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 226, 206) }
```

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

```
.background{ background-color: rgb(200,  
226, 206) }
```

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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