

Converting Colors

XYZ(56.2273, 62.3675, 69.5749)

Have a look what the booklet for
XYZ(56.2273, 62.3675, 69.5749)
contains.

XYZ(56.0381, 62.1391, 69.3621)	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(56.0381, 62.1391,
69.3621)**

Conversions

Conversions Part 1

Format	Color
Hex	BED3D1
RGB	190, 211, 209
RGB Percent	75%, 83%, 82%
CMY	0.2549, 0.1725, 0.1804
CMYK	0.10, 0.00, 0.01, 0.17
HSL	174°, 19%, 79%
HSV	174°, 10%, 83%
XYZ	56.0381, 62.1391, 69.3621
YIQ	204.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

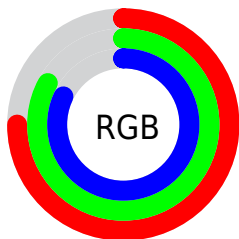
Format	Color
RYB	190, 201, 211
Decimal	12506065
CIELab	82.99, -7.41, -1.42
CIELCh	83, 7.543, 190.853
Yxy	62.1391, 0.2988, 0.3313
Android (android.graphics.Color)	4290696145 (0xFFBED3D1)
YUV	204.4930, 2.2220, -12.7104
Hunter-Lab	78.8284, -11.0562, 3.0098

Details

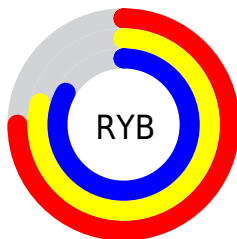
The XYZ color **56.0381, 62.1391, 69.3621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7941, 54.4833, 57.5004**, and the grayscale version is **57.6997, 60.7046, 66.1073**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.1214, 31.4619, 35.6009** is the 20% darker color. If you saturate the color by 10%, you get **50.8976, 59.5194, 67.8302**, and if you desaturate by 10%, it is **61.9483, 65.1586, 70.9490**.

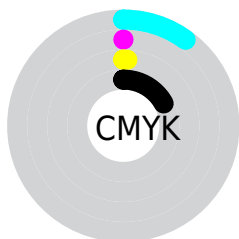
Distribution



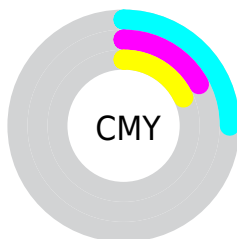
- Red (75%)
- Green (83%)
- Blue (82%)



- Red (75%)
- Yellow (79%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0381, 62.1391, 69.3621 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 56.0381, 62.1391, 69.3621 by changing the saturation by 10% instead.

■ 56.0381, 62.1391,
69.3621

■ 56.0381, 62.1391,
69.3621

399.9078,
432.4383, 477.0355

■ 40.4706, 45.1451,
50.5331

■ 98.1998, 107.9265,
119.9712

■ 28.0915, 31.5717,
35.4630

125.5246,
137.4888, 152.5883

■ 18.5354, 21.0346,
23.7333

157.4993,
172.0092, 190.6386

■ 11.4371, 13.1493,
14.9256

194.4892,
211.8723, 234.5405

■ 6.4311, 7.5314,
8.6211

236.8597,
257.4623, 284.7126

■ 3.1521, 3.7966,
4.4015

284.9760,

■ 1.2347, 1.5605,

309.1637, 341.5734

1.8481

339.2036,
367.3609, 405.5416

■ 0.1335, 0.3307,
0.4594

■ 0.0000, 0.0000,
0.0000

■ 56.0381, 62.1391,
69.3621

■ 56.0381, 62.1391,
69.3621

■ 50.8976, 59.5194,
67.8302

■ 61.9483, 65.1586,
70.9490

■ 46.4888, 57.2748,
66.3477

■ 68.6536, 68.5860,
72.5883

■ 42.7785, 55.3900,
64.9142

■ 76.1846, 72.4387,
74.2828

■ 39.7288, 53.8453,
63.5278

■ 77.0664, 72.8632,
75.6827

37.2982, 52.6195,
62.1866

77.3300, 72.9686,
77.0704

35.4405, 51.6886,
60.8884

77.5967, 73.0753,
78.4749

34.1032, 51.0256,
59.6305

77.8666, 73.1833,
79.8964

33.2236, 50.5983,
58.4101

78.1398, 73.2926,
81.3348

32.6884, 50.3482,
57.2218

78.4162, 73.4031,
82.7903

Harmonies

Analogous

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



56.1514, 62.1391, 64.7589



56.0381, 62.1391, 69.3621



56.7236, 62.1391, 73.6982

Triad

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



56.0381, 62.1391, 69.3621



61.1341, 62.1391, 74.6738



60.0947, 62.1391, 59.5332

Complementary

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



56.0381, 62.1391, 69.3621



54.7941, 54.4833, 57.5004

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.



61.4625, 62.1391, 61.9589



56.0381, 62.1391, 69.3621



62.0701, 62.1391, 70.6442

Square

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



56.0381, 62.1391, 69.3621



59.6531, 62.1391, 76.8573



62.1914, 62.1391, 65.9838



58.4735, 62.1391, 59.2254

Rectangle

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



56.0381, 62.1391, 69.3621



57.5488, 62.1391, 75.8002



62.1914, 62.1391, 65.9838



60.6002, 62.1391, 60.1225

Sweetspot

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



56.0399, 62.1417, 69.3635



92.1741, 98.5309, 108.1534



54.3540, 61.5284, 57.7277



19.5686, 21.0077, 23.1068



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.



56.0399, 62.1417, 69.3635



84.2082, 94.4647, 105.9585



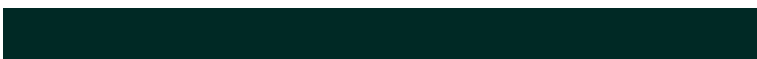
54.2565, 58.1756, 70.0004



12.1077, 13.3868, 14.9237



19.7460, 30.3913, 34.6380



1.1185, 1.7051, 2.0129

Inverse Universe

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



54.7941, 54.4833, 57.5004



81.9124, 80.3502, 84.0956



56.4461, 58.1400, 56.9634



11.8539, 11.8263, 12.5064



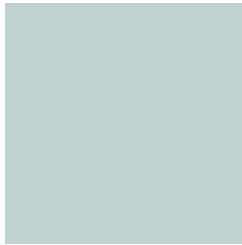
16.3063, 8.3954, 1.2533



0.9278, 0.4758, 0.1547

Previews

White Background



This preview shows how the XYZ color 56.0381, 62.1391, 69.3621 looks on a white background.

Color Contrast Check

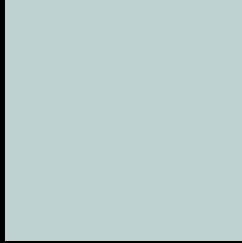
Large Text (above 18pt) WCAG AA × Fail

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 56.0381, 62.1391, 69.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

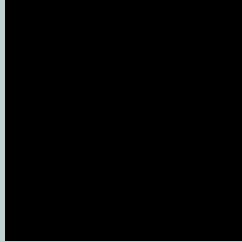
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

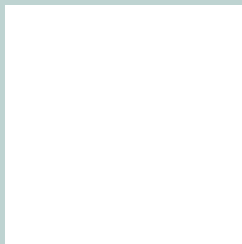
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0381, 62.1391, 69.3621

Background



This preview shows how black text looks on a background with the XYZ color 56.0381, 62.1391, 69.3621.



This preview shows how white text looks on a background with the XYZ color 56.0381, 62.1391,

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

56.0381, 62.1391, 69.3621

Protanopia

59.5502, 61.8205, 67.1864

Deuteranopia

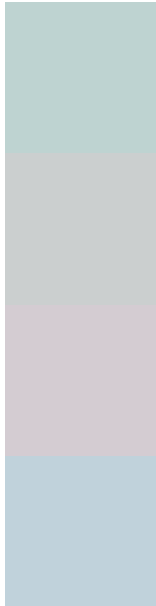
63.1526, 61.8590, 70.2395



Tritanopia

58.3834, 62.3746, 80.1965

Trichromacy



Original Color

56.0381, 62.1391, 69.3621

Protanomaly

58.2039, 61.8272, 67.8976

Deuteranomaly

60.3771, 61.8359, 69.7261

Tritanomaly

57.5710, 62.4141, 76.0306

Monochromacy



Original Color

56.0381, 62.1391, 69.3621

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.0066, 61.2240, 67.2054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0381, 62.1391, 69.3621 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(190, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 209)  
}
```

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(190, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.0381, 62.1391, 69.3621 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(190, 211, 209) }
```


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

```
.border{ border-color:rgb(190, 211, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0381, 62.1391, 69.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 209) }
```

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

```
.background{ background-color: rgb(190,  
211, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor