

Converting Colors

XYZ(57.7535, 60.7950, 67.0850)

Have a look what the booklet for
XYZ(57.7535, 60.7950, 67.0850)
contains.

XYZ(57.8737, 60.9562, 67.1080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(57.8737, 60.9562,
67.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCDCE
RGB	204, 205, 206
RGB Percent	80%, 80%, 81%
CMY	0.2000, 0.1961, 0.1922
CMYK	0.01, 0.00, 0.00, 0.19
HSL	210°, 2%, 80%
HSV	210°, 1%, 81%
XYZ	57.8737, 60.9562, 67.1080
YIQ	204.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

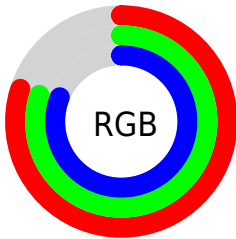
Format	Color
RYB	204, 205, 206
Decimal	13422030
CIELab	82.36, -0.15, -0.63
CIELCh	82, 0.644, 256.120
Yxy	60.9562, 0.3113, 0.3278
Android (android.graphics.Color)	4291612110 (0xFFCCCDCE)
YUV	204.8150, 0.5842, -0.7148
Hunter-Lab	78.0745, -4.3149, 3.6901

Details

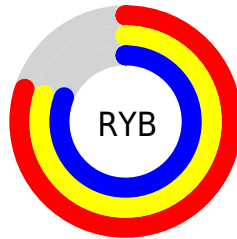
The XYZ color **57.8737, 60.9562, 67.1080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1841, 61.1434, 65.8628**, and the grayscale version is **57.9090, 60.9248, 66.3471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3118, 30.8842, 34.1221** is the 20% darker color. If you saturate the color by 10%, you get **50.2217, 53.4868, 66.0705**, and if you desaturate by 10%, it is **66.4371, 69.1381, 68.2368**.

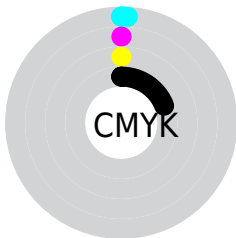
Distribution



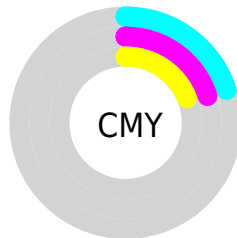
- Red (80%)
- Green (80%)
- Blue (81%)



- Red (80%)
- Yellow (80%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8737, 60.9562, 67.1080 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 57.8737, 60.9562, 67.1080 by changing the saturation by 10% instead.

■ 57.8737, 60.9562,
67.1080

■ 57.8737, 60.9562,
67.1080

406.6766,
428.1134, 468.8411

■ 41.9500, 44.1898,
48.7103

100.8629,
106.2155, 116.7173

■ 29.2531, 30.8198,
34.0257

128.6592,
135.4772, 148.7659

■ 19.4176, 20.4616,
22.6358

161.1436,
169.6729, 186.2018

■ 12.0782, 12.7311,
14.1221

198.6817,
209.1868, 229.4437

■ 6.8695, 7.2436,
8.0659

241.6386,
254.4034, 278.9100

■ 3.4262, 3.6149,
4.0488

290.3798,

■ 1.3830, 1.4606,

305.7071, 335.0193

1.6521

345.2707,
363.4823, 398.1902

■ 0.2440, 0.2607,
0.3276

■ 0.0000, 0.0000,
0.0000

■ 57.8737, 60.9562,
67.1080

■ 57.8737, 60.9562,
67.1080

■ 50.2217, 53.4868,
66.0705

■ 66.4371, 69.1381,
68.2368

■ 43.4438, 46.7008,
65.1179

■ 75.9371, 78.0446,
69.4553

■ 37.5075, 40.5786,
64.2491

■ 82.3182, 85.5912,
70.5756

■ 32.3763, 35.0966,
63.4614

■ 85.3557, 91.6662,
71.5881

■ 28.0109, 30.2294,
62.7520

■ 88.1408, 97.2363,
72.5164

■ 24.3682, 25.9498,
62.1179

■ 21.4007, 22.2277,
61.5559

■ 19.0542, 19.0298,
61.0623

■ 17.2648, 16.3173,
60.6331

Harmonies

Analogous

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



57.7542, 60.9562, 66.9177



57.8737, 60.9562, 67.1080



58.0104, 60.9562, 67.1003

Triad

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



57.8737, 60.9562, 67.1080



58.1912, 60.9562, 66.1611



57.7469, 60.9562, 65.8480

Complementary

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



57.8737, 60.9562, 67.1080



58.1841, 61.1434, 65.8628

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.



57.8637, 60.9562, 65.6469



57.8737, 60.9562, 67.1080



58.1203, 60.9562, 65.8272

Square

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



57.8737, 60.9562, 67.1080



58.1938, 60.9562, 66.5526



58.0004, 60.9562, 65.6393



57.6810, 60.9562, 66.1896

Rectangle

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



57.8737, 60.9562, 67.1080



58.0929, 60.9562, 66.9839



58.0004, 60.9562, 65.6393



57.7815, 60.9562, 65.7618

Sweetspot

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



57.8754, 60.9588, 67.1093

95.0500, 100.0000, 108.9000



57.9894, 61.3871, 66.5299



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



57.8754, 60.9588, 67.1093



93.7140, 98.7116, 108.7217



57.6441, 60.4961, 67.0322



12.4644, 13.1280, 14.4474



9.9656, 8.9552, 37.1595



0.5900, 0.6138, 1.9423

Inverse Universe

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



58.0672, 60.7164, 66.4196



94.0380, 98.3022, 107.5568



58.4169, 61.6090, 65.9404



12.5044, 13.0775, 14.3038



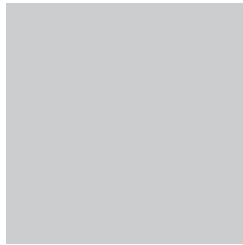
17.2411, 8.7070, 8.9881



0.9278, 0.4645, 0.6654

Previews

White Background



This preview shows how the XYZ color 57.8737, 60.9562, 67.1080 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 57.8737, 60.9562, 67.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

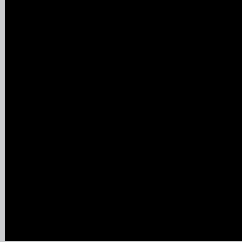
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

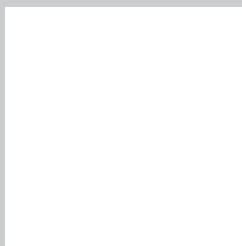
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8737, 60.9562, 67.1080

Background



This preview shows how black text looks on a background with the XYZ color 57.8737, 60.9562, 67.1080.

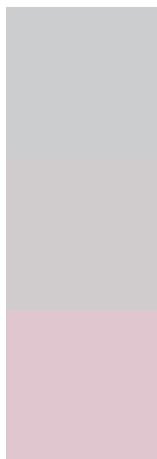


This preview shows how white text looks on a background with the XYZ color 57.8737, 60.9562,

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

57.8737, 60.9562, 67.1080

Protanopia

58.6247, 61.0034, 66.4426

Deuteranopia

61.8880, 60.5811, 67.4630



Tritanopia

59.5957, 60.9482, 75.6410

Trichromacy



Original Color

57.8737, 60.9562, 67.1080

Protanomaly

58.3444, 60.8589, 66.4295

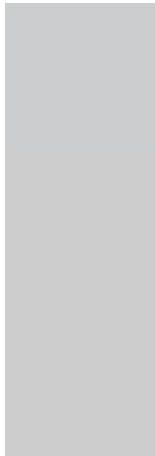
Deuteranomaly

60.4680, 60.8772, 67.5950

Tritanomaly

58.9073, 61.0199, 72.2916

Monochromacy



Original Color

57.8737, 60.9562, 67.1080

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0276, 61.0496, 66.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8737, 60.9562, 67.1080 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(204, 205, 206) looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 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(204, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.8737, 60.9562, 67.1080 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(204, 205, 206) }
```

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

```
.border{ border-color:rgb(204, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
206) }
```


Background

The CSS property to change the background color of an element to XYZ 57.8737, 60.9562, 67.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 206) }
```

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

```
.background{ background-color: rgb(204,  
205, 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](#).

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