

Converting Colors

XYZ(60.2406, 62.3057, 76.7608)

Have a look what the booklet for
XYZ(60.2406, 62.3057, 76.7608)
contains.

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Color

**XYZ(60.1664, 62.2891,
76.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCEDC
RGB	205, 206, 220
RGB Percent	80%, 81%, 86%
CMY	0.1961, 0.1921, 0.1372
CMYK	0.07, 0.06, 0.00, 0.14
HSL	236°, 18%, 83%
HSV	236°, 7%, 86%
XYZ	60.1664, 62.2891, 76.5620
YIQ	207.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

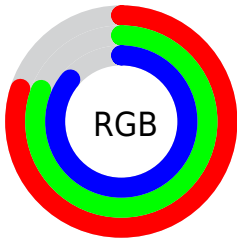
Format	Color
R _{YB}	205, 206, 220
Decimal	13487836
CIE Lab	83.07, 2.30, -7.04
CIE LCh	83, 7.409, 288.098
Yxy	62.2891, 0.3023, 0.3130
Android (android.graphics.Color)	4291677916 (0xFFCDEDC)
YUV	207.2970, 6.2626, -2.0145
Hunter-Lab	78.9234, -2.0386, -2.2696

Details

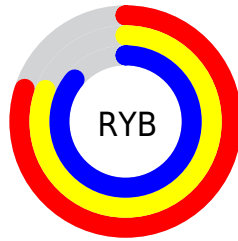
The XYZ color **60.1664, 62.2891, 76.5620** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8662, 70.2857, 67.8536**, and the grayscale version is **59.4644, 62.5612, 68.1291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7823, 31.7524, 40.1037** is the 20% darker color. If you saturate the color by 10%, you get **49.8960, 50.1325, 74.7578**, and if you desaturate by 10%, it is **71.9392, 76.1818, 78.6240**.

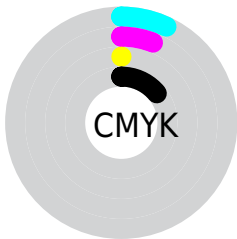
Distribution



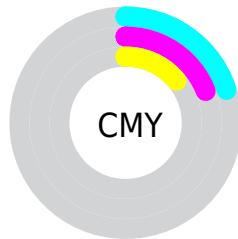
- Red (80%)
- Green (81%)
- Blue (86%)



- Red (80%)
- Yellow (81%)
- Blue (86%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1664, 62.2891, 76.5620 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 60.1664, 62.2891, 76.5620 by changing the saturation by 10% instead.

■ 60.1664, 62.2891,
76.5620

■ 60.1664, 62.2891,
76.5620

415.0358,
432.9849, 502.6673

■ 43.8027, 45.2663,
56.3840

104.1760,
108.1433, 130.2884

■ 30.7127, 31.6673,
40.1049

132.5526,
137.7434, 164.6739

■ 20.5309, 21.1075,
27.3059

165.6643,
172.3049, 204.6323

■ 12.8921, 13.2026,
17.5686

203.8764,
212.2120, 250.5822

■ 7.4308, 7.5682,
10.4745

247.5542,
257.8491, 302.9421

■ 3.7816, 3.8199,
5.6050

297.0631,

■ 1.5794, 1.5733,

309.6007, 362.1306

2.5415

352.7685,
367.8512, 428.5661

■ 0.3789, 0.3395,
0.8620

■ 0.0000, 0.0000,
0.0000

■ 60.1664, 62.2891,
76.5620

■ 60.1664, 62.2891,
76.5620

■ 49.8960, 50.1325,
74.7578

■ 71.9392, 76.1818,
78.6240

■ 41.0624, 39.6361,
73.1974

■ 85.2657, 91.8669,
80.9492

■ 33.6030, 30.7303,
71.8715

■ 89.9184, 97.9474,
81.8776

■ 27.4487, 23.3374,
70.7689

■ 22.5242, 17.3731,
69.8773

■ 18.7467, 12.7450,
69.1830

■ 16.0230, 9.3498,
68.6713

■ 14.2452, 7.0688,
68.3247

■ 13.2788, 5.7581,
68.1226

Harmonies

Analogous

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



58.5706, 62.2891, 76.8300



60.1664, 62.2891, 76.5620



61.5273, 62.2891, 73.8890

Triad

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



60.1664, 62.2891, 76.5620



61.2860, 62.2891, 61.4631



56.2394, 62.2891, 66.0183

Complementary

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



60.1664, 62.2891, 76.5620



65.8662, 70.2857, 67.8536

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.



56.9397, 62.2891, 62.0970



60.1664, 62.2891, 76.5620



59.8418, 62.2891, 59.5476

Square

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



60.1664, 62.2891, 76.5620



62.1817, 62.2891, 65.1174



58.2518, 62.2891, 59.7743



56.3227, 62.2891, 70.6010

Rectangle

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



60.1664, 62.2891, 76.5620



62.1095, 62.2891, 71.1680



58.2518, 62.2891, 59.7743



56.3904, 62.2891, 64.5830

Sweetspot

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



60.1682, 62.2917, 76.5634



91.6991, 96.0467, 108.3135



63.5243, 69.2678, 76.8683



19.6625, 20.5994, 23.1897



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.



60.1682, 62.2917, 76.5634



82.1643, 84.7847, 106.6423



61.6862, 62.7168, 76.5654



12.4083, 12.7563, 16.4604



7.7083, 3.2860, 39.9664



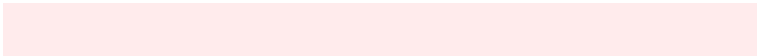
0.5245, 0.2631, 2.5976

Inverse Universe

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



62.4885, 63.3357, 67.3272



85.9691, 86.5019, 91.4954



64.2722, 69.8537, 67.8542



13.0912, 13.0656, 13.7415



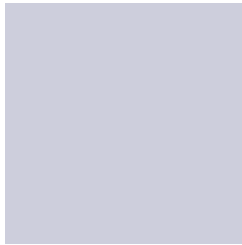
17.3861, 8.9555, 1.1473



1.1390, 0.5853, 0.1411

Previews

White Background



This preview shows how the XYZ color 60.1664, 62.2891, 76.5620 looks on a white background.

Color Contrast Check

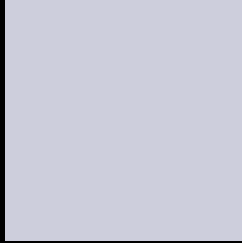
Large Text (above 18pt) WCAG AA × Fail

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 60.1664, 62.2891, 76.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

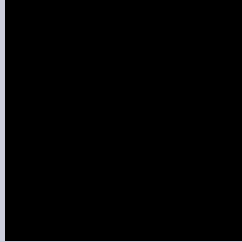
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

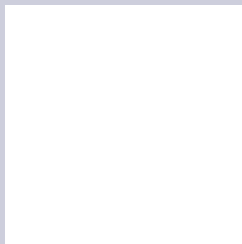
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1664, 62.2891, 76.5620

Background



This preview shows how black text looks on a background with the XYZ color 60.1664, 62.2891, 76.5620.

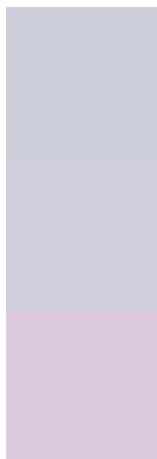


This preview shows how white text looks on a background with the XYZ color 60.1664, 62.2891,

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

60.1664, 62.2891, 76.5620

Protanopia

60.7217, 62.5753, 76.5880

Deuteranopia

63.4530, 62.2094, 77.0699



Tritanopia

60.4330, 62.3957, 77.9657

Trichromacy



Original Color

60.1664, 62.2891, 76.5620

Protanomaly

60.4432, 62.4317, 76.5750

Deuteranomaly

62.4314, 62.3794, 77.1566

Tritanomaly

60.2993, 62.3422, 77.2617

Monochromacy



Original Color

60.1664, 62.2891, 76.5620

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6501, 62.5009, 71.2073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1664, 62.2891, 76.5620 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(205, 206, 220) looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 220)  
}
```

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(205, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 220) }
```

Border

The CSS property to change the border of an element to XYZ 60.1664, 62.2891, 76.5620 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(205, 206, 220) }
```


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

```
.border{ border-color:rgb(205, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1664, 62.2891, 76.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 220) }
```

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

```
.background{ background-color: rgb(205,  
206, 220) }
```

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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