

Converting Colors

XYZ(47.5625, 50.3425, 61.2431)

Have a look what the booklet for
XYZ(47.5625, 50.3425, 61.2431)
contains.

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Color

**XYZ(47.5625, 50.3425,
61.2431)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BDC7
RGB	181, 189, 199
RGB Percent	71%, 74%, 78%
CMY	0.2902, 0.2588, 0.2196
CMYK	0.09, 0.05, 0.00, 0.22
HSL	213°, 14%, 75%
HSV	213°, 9%, 78%
XYZ	47.5625, 50.3425, 61.2431
YIQ	187.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

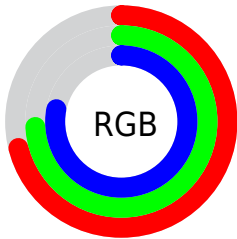
Format	Color
R _Y B	181, 187, 199
Decimal	11910599
CIE Lab	76.28, -0.80, -5.99
CIE LCh	76, 6.044, 262.436
Yxy	50.3425, 0.2989, 0.3163
Android (android.graphics.Color)	4290100679 (0xFFB5BDC7)
YUV	187.7480, 5.5472, -5.9180
Hunter-Lab	70.9524, -4.5105, -1.5099

Details

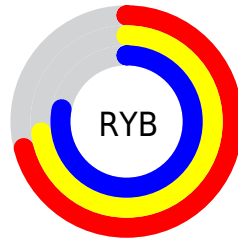
The XYZ color **47.5625, 50.3425, 61.2431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5247, 52.7396, 51.2339**, and the grayscale version is **47.6310, 50.1115, 54.5715**.

A 20% lighter version of the original color is **85.6275, 90.5293, 107.5686**, and **22.8171, 24.2418, 30.2646** is the 20% darker color. If you saturate the color by 10%, you get **40.9382, 43.5328, 60.2786**, and if you desaturate by 10%, it is **55.0375, 57.8624, 62.3014**.

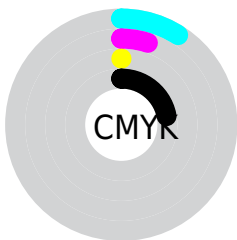
Distribution



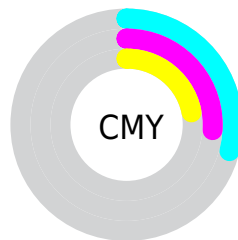
- Red (71%)
- Green (74%)
- Blue (78%)



- Red (71%)
- Yellow (73%)
- Blue (78%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5625, 50.3425, 61.2431 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 47.5625, 50.3425, 61.2431 by changing the saturation by 10% instead.

■ 47.5625, 50.3425,
61.2431

■ 47.5625, 50.3425,
61.2431

367.6669,
388.0038, 447.0960

■ 33.6904, 35.6856,
43.9896

■ 85.7663, 90.6821,
108.1918

■ 22.8176, 24.1915,
30.3252

110.8287,
117.1337, 138.7240

■ 14.5788, 15.4757,
19.8314

140.3518,
148.2855, 174.5196

■ 8.6087, 9.1539,
12.0897

174.7011,
184.5222, 215.9970

■ 4.5419, 4.8417,
6.6815

214.2419,
226.2279, 263.5748

■ 2.0130, 2.1547,
3.1883

259.3396,

■ 0.6413, 0.6951,

273.7872, 317.6716

1.1916

310.3594,
327.5843, 378.7058

■ 0.0000, 0.0000,
0.0000

■ 47.5625, 50.3425,
61.2431

■ 47.5625, 50.3425,
61.2431

■ 40.9382, 43.5328,
60.2786

■ 55.0375, 57.8624,
62.3014

■ 35.1280, 37.4045,
59.4020

■ 63.3890, 66.1076,
63.4527

■ 30.0992, 31.9358,
58.6115

■ 72.6474, 75.1007,
64.7006

■ 25.8148, 27.1014,
57.9041

■ 80.7487, 83.7830,
65.9495

■ 22.2348, 22.8739,
57.2768

■ 83.9801, 90.2459,
67.0266

■ 19.3150, 19.2237,
56.7262

■ 87.3090, 96.9036,
68.1362

■ 17.0057, 16.1178,
56.2484

■ 15.2488, 13.5186,
55.8393

■ 13.9495, 11.3693,
55.4929

Harmonies

Analogous

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



46.5315, 50.3425, 59.9168



47.5625, 50.3425, 61.2431



48.6864, 50.3425, 60.7936

Triad

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



47.5625, 50.3425, 61.2431



49.8936, 50.3425, 52.4646



46.1408, 50.3425, 51.0936

Complementary

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



47.5625, 50.3425, 61.2431



50.5247, 52.7396, 51.2339

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.



47.0214, 50.3425, 49.2408



47.5625, 50.3425, 61.2431



49.1912, 50.3425, 50.0103

Square

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



47.5625, 50.3425, 61.2431



50.0440, 50.3425, 55.6408



48.1367, 50.3425, 48.8521



45.7192, 50.3425, 53.9963

Rectangle

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



47.5625, 50.3425, 61.2431



49.3360, 50.3425, 59.5553



48.1367, 50.3425, 48.8521



46.3922, 50.3425, 50.3321

Sweetspot

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



47.5640, 50.3446, 61.2442



90.9508, 95.8968, 108.3241



48.8733, 54.4287, 57.1633



19.2378, 20.2954, 23.1534



0.0000, 0.0000, 0.0000



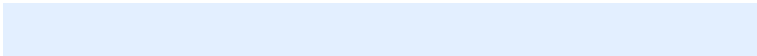
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5640, 50.3446, 61.2442



80.7027, 85.5225, 106.8618



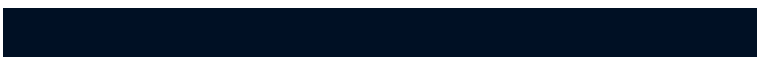
46.1014, 47.1052, 60.6960



10.4383, 11.0507, 13.5003



8.9824, 7.3588, 35.6913



0.4973, 0.4924, 1.7140

Inverse Universe

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



49.2636, 48.8651, 54.9820



84.3377, 82.4277, 93.4529



52.0798, 56.2033, 51.8205



10.8265, 10.7140, 12.0698



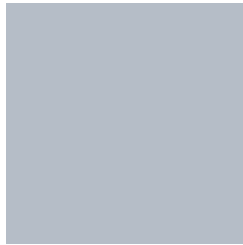
16.3332, 8.2829, 6.9647



0.8097, 0.4067, 0.5210

Previews

White Background



This preview shows how the XYZ color 47.5625, 50.3425, 61.2431 looks on a white background.

Color Contrast Check

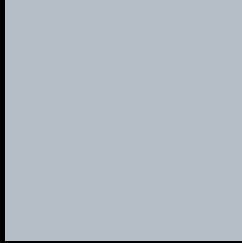
Large Text (above 18pt) WCAG AA × Fail

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 47.5625, 50.3425, 61.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

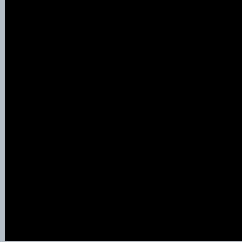
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5625, 50.3425, 61.2431

Background



This preview shows how black text looks on a background with the XYZ color 47.5625, 50.3425, 61.2431.

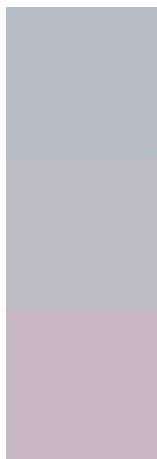


This preview shows how white text looks on a background with the XYZ color 47.5625, 50.3425,

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

47.5625, 50.3425, 61.2431

Protanopia

48.7024, 50.3092, 60.5698

Deuteranopia

51.4462, 50.4546, 61.6708



Tritanopia

48.0541, 50.2233, 63.6613

Trichromacy



Original Color

47.5625, 50.3425, 61.2431

Protanomaly

48.1838, 50.3579, 60.6066

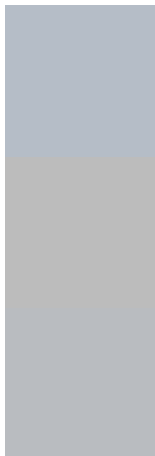
Deuteranomaly

50.0224, 50.3374, 61.7232

Tritanomaly

47.9353, 50.1758, 63.0356

Monochromacy



Original Color

47.5625, 50.3425, 61.2431

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.5052, 50.0865, 57.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5625, 50.3425, 61.2431 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(181, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 199)  
}
```

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(181, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.5625, 50.3425, 61.2431 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(181, 189, 199) }
```


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

```
.border{ border-color:rgb(181, 189, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5625, 50.3425, 61.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 199) }
```

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

```
.background{ background-color: rgb(181,  
189, 199) }
```

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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