

Converting Colors

XYZ(48.1861, 51.0137, 62.5633)

Have a look what the booklet for
XYZ(48.1861, 51.0137, 62.5633)
contains.

XYZ(48.2475, 50.9890, 62.5573)	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(48.2475, 50.9890,
62.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BEC9
RGB	182, 190, 201
RGB Percent	71%, 75%, 79%
CMY	0.2863, 0.2549, 0.2118
CMYK	0.09, 0.05, 0.00, 0.21
HSL	215°, 15%, 75%
HSV	215°, 9%, 79%
XYZ	48.2475, 50.9890, 62.5573
YIQ	188.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

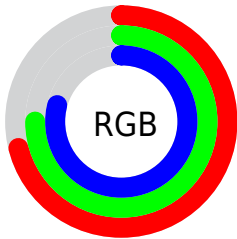
Format	Color
R_YB	182, 188, 201
Decimal	11976393
CIE Lab	76.67, -0.59, -6.49
CIE LCh	77, 6.513, 264.764
Yxy	50.9890, 0.2982, 0.3151
Android (android.graphics.Color)	4290166473 (0xFFB6BEC9)
YUV	188.8620, 5.9840, -6.0180
Hunter-Lab	71.4066, -4.3539, -1.9577

Details

The XYZ color **48.2475, 50.9890, 62.5573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6012, 53.9347, 51.9478**, and the grayscale version is **48.2624, 50.7758, 55.2949**.

A 20% lighter version of the original color is **86.2657, 91.3087, 107.6854**, and **23.2654, 24.6650, 31.1384** is the 20% darker color. If you saturate the color by 10%, you get **41.4172, 43.8764, 61.5452**, and if you desaturate by 10%, it is **55.9633, 58.8595, 63.6706**.

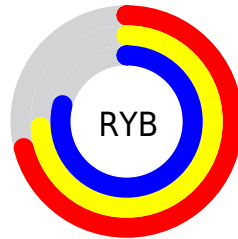
Distribution



Red (71%)

Green (75%)

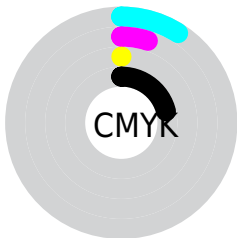
Blue (79%)



Red (71%)

Yellow (74%)

Blue (79%)

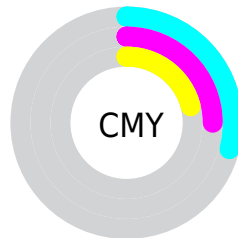


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2475, 50.9890, 62.5573 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 48.2475, 50.9890, 62.5573 by changing the saturation by 10% instead.

■ 48.2475, 50.9890,
62.5573

■ 48.2475, 50.9890,
62.5573

370.3386,
390.5210, 452.0247

■ 34.2350, 36.1999,
45.0445

■ 86.7803, 91.6385,
110.1100

■ 23.2379, 24.5886,
31.1492

112.0312,
118.2677, 140.9869

■ 14.8910, 15.7708,
20.4531

141.7591,
149.6123, 177.1556

■ 8.8287, 9.3621,
12.5375

176.3291,
186.0568, 219.0346

■ 4.6858, 4.9781,
6.9839

216.1067,
227.9855, 267.0425

■ 2.0970, 2.2344,
3.3737

261.4573,

■ 0.6876, 0.7387,

275.7828, 321.5978

1.2885

312.7461,
329.8332, 383.1190

■ 0.0000, 0.0000,
0.0523

■ 0.0000, 0.0000,
0.0000

■ 48.2475, 50.9890,
62.5573

■ 48.2475, 50.9890,
62.5573

■ 41.4172, 43.8764,
61.5452

■ 55.9633, 58.8595,
63.6706

■ 35.4344, 37.4910,
60.6280

■ 64.5919, 67.5045,
64.8845

■ 30.2648, 31.8094,
59.8038

■ 74.1647, 76.9481,
66.2027

■ 25.8699, 26.8041,
59.0694

■ 81.9343, 85.7802,
67.4980

■ 22.2078, 22.4459,
58.4212

■ 85.4042, 92.7199,
68.6546

■ 19.2324, 18.7027,
57.8555

■ 87.5428, 96.9971,
69.3675

■ 16.8915, 15.5393,
57.3682

■ 15.1245, 12.9152,
56.9549

■ 13.8284, 10.7679,
56.6087

Harmonies

Analogous

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



47.1086, 50.9890, 61.2503



48.2475, 50.9890, 62.5573



49.4633, 50.9890, 61.9142

Triad

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



48.2475, 50.9890, 62.5573



50.6481, 50.9890, 52.7228



46.5529, 50.9890, 51.6928

Complementary

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



48.2475, 50.9890, 62.5573



51.6012, 53.9347, 51.9478

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.



47.4773, 50.9890, 49.5789



48.2475, 50.9890, 62.5573



49.8441, 50.9890, 50.1557

Square

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



48.2475, 50.9890, 62.5573



50.8627, 50.9890, 56.1402



48.6802, 50.9890, 49.0283



46.1410, 50.9890, 54.9011

Rectangle

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



48.2475, 50.9890, 62.5573



50.1521, 50.9890, 60.4796



48.6802, 50.9890, 49.0283



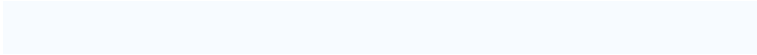
46.8133, 50.9890, 50.8361

Sweetspot

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



48.2490, 50.9911, 62.5584



90.8950, 95.7851, 108.3054



49.7786, 55.5591, 58.4170



19.2228, 20.2653, 23.1484



0.0000, 0.0000, 0.0000



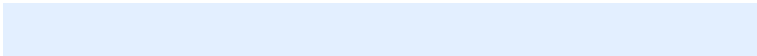
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2490, 50.9911, 62.5584



80.5103, 85.1378, 106.7976



46.8635, 47.7740, 62.0105



10.4177, 11.0094, 13.4935



8.7408, 6.8755, 35.6108



0.4852, 0.4682, 1.7099

Inverse Universe

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



50.1108, 49.5923, 55.6487



84.2406, 82.3889, 92.9415



53.0793, 57.3942, 52.5376



10.8161, 10.7098, 12.0149



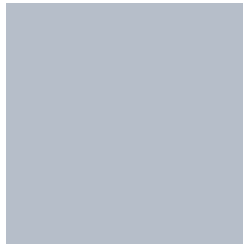
16.2113, 8.2341, 6.3225



0.8036, 0.4043, 0.4890

Previews

White Background



This preview shows how the XYZ color 48.2475, 50.9890, 62.5573 looks on a white background.

Color Contrast Check

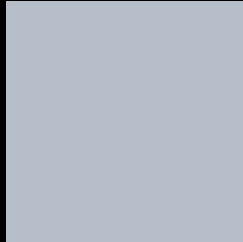
Large Text (above 18pt) WCAG AA × Fail

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 48.2475, 50.9890, 62.5573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

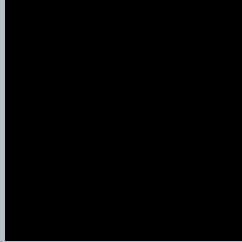
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

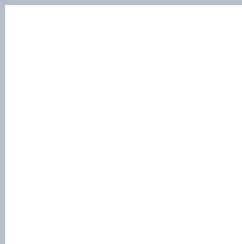
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2475, 50.9890, 62.5573

Background



This preview shows how black text looks on a background with the XYZ color 48.2475, 50.9890, 62.5573.

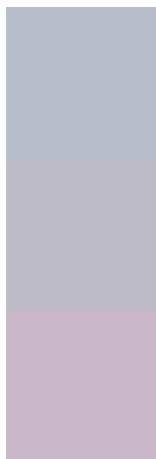


This preview shows how white text looks on a background with the XYZ color 48.2475, 50.9890,

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

48.2475, 50.9890, 62.5573

Protanopia

49.3948, 50.9554, 61.8756

Deuteranopia

51.8886, 50.9628, 62.9791



Tritanopia

48.6251, 50.8221, 64.3736

Trichromacy



Original Color

48.2475, 50.9890, 62.5573

Protanomaly

48.8726, 51.0044, 61.9126

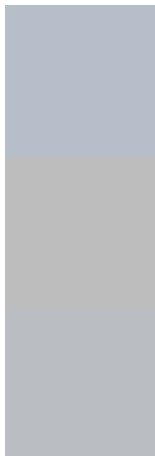
Deuteranomaly

50.4677, 50.8514, 63.0325

Tritanomaly

48.5055, 50.7743, 63.7438

Monochromacy



Original Color

48.2475, 50.9890, 62.5573

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0729, 50.6846, 57.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2475, 50.9890, 62.5573 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(182, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(182, 190, 201)  
}
```

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(182, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 190, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.2475, 50.9890, 62.5573 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(182, 190, 201) }
```


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

```
.border{ border-color:rgb(182, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(182, 190,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2475, 50.9890, 62.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 190, 201) }
```

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

```
.background{ background-color: rgb(182,  
190, 201) }
```

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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