

Converting Colors

XYZ(46.2851, 48.9086, 52.5026)

Have a look what the booklet for
XYZ(46.2851, 48.9086, 52.5026)
contains.

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Color

**XYZ(46.2182, 48.8928,
52.3487)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BAB8
RGB	185, 186, 184
RGB Percent	73%, 73%, 72%
CMY	0.2745, 0.2706, 0.2784
CMYK	0.01, 0.00, 0.01, 0.27
HSL	90°, 1%, 73%
HSV	90°, 1%, 73%
XYZ	46.2182, 48.8928, 52.3487
YIQ	185.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

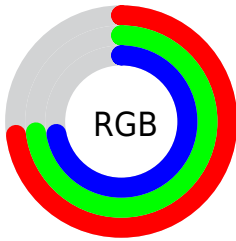
Format	Color
RYB	184, 186, 185
Decimal	12171960
CIELab	75.38, -0.72, 0.88
CIELCh	75, 1.135, 129.124
Yxy	48.8928, 0.3134, 0.3316
Android (android.graphics.Color)	4290362040 (0xFFB9BAB8)
YUV	185.4730, -0.7262, -0.4148
Hunter-Lab	69.9234, -4.3804, 4.5584

Details

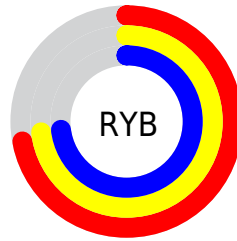
The XYZ color **46.2182, 48.8928, 52.3487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0129, 48.1418, 53.3241**, and the grayscale version is **46.3826, 48.7981, 53.1412**.

A 20% lighter version of the original color is **83.7559, 88.4963, 95.1052**, and **22.0000, 23.3193, 24.8143** is the 20% darker color. If you saturate the color by 10%, you get **42.2210, 47.0442, 42.6441**, and if you desaturate by 10%, it is **50.6220, 50.9241, 63.4127**.

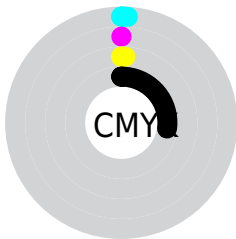
Distribution



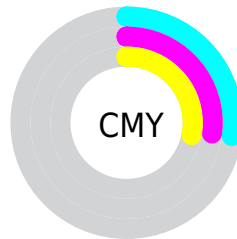
- Red (73%)
- Green (73%)
- Blue (72%)



- Red (72%)
- Yellow (73%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2182, 48.8928, 52.3487 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 46.2182, 48.8928, 52.3487 by changing the saturation by 10% instead.

■ 46.2182, 48.8928,
52.3487

■ 46.2182, 48.8928,
52.3487

362.3864,
382.3201, 412.7765

■ 32.6234, 34.5344,
36.8989

■ 83.7713, 88.5322,
95.0771

■ 21.9959, 23.3045,
24.8341

108.4604,
114.5821, 123.1928

■ 13.9705, 14.8185,
15.7356

137.5782,
145.2979, 156.3676

■ 8.1817, 8.6921,
9.1849

171.4901,
181.0641, 195.0200

■ 4.2642, 4.5409,
4.7635

210.5616,
222.2650, 239.5686

■ 1.8527, 1.9805,
2.0529

255.1579,

■ 0.5491, 0.5961,

269.2850, 290.4318

0.5875

305.6444,
322.5086, 348.0283

■ 0.0000, 0.0000,
0.0000

■ 46.2182, 48.8928,
52.3487

■ 46.2182, 48.8928,
52.3487

■ 42.2210, 47.0442,
42.6441

■ 50.6220, 50.9241,
63.4127

■ 38.6134, 45.3666,
34.2432

■ 55.4402, 53.1370,
75.8824

■ 35.3834, 43.8565,
27.0914

■ 60.6860, 55.5385,
89.8060

■ 32.5166, 42.5076,
21.1288

■ 65.8173, 57.9122,
102.3170

■ 29.9979, 41.3136,
16.2906

■ 68.7554, 59.4269,
102.4545

■ 27.8104, 40.2674,
12.5059

■ 71.8537, 61.0241,
102.5995

■ 25.9359, 39.3614,
9.6958

■ 75.1147, 62.7052,
102.7521

■ 24.3540, 38.5868,
7.7700

■ 76.8499, 63.5997,
102.8333

■ 23.0407, 37.9339,
6.6215

Harmonies

Analogous

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



46.4075, 48.8928, 52.1085



46.2182, 48.8928, 52.3487



46.0969, 48.8928, 52.8272

Triad

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



46.2182, 48.8928, 52.3487



46.3282, 48.8928, 54.3178



46.8688, 48.8928, 53.0538

Complementary

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



46.2182, 48.8928, 52.3487



46.0129, 48.1418, 53.3241

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.



46.8474, 48.8928, 53.6468



46.2182, 48.8928, 52.3487



46.5349, 48.8928, 54.3796

Square

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



46.2182, 48.8928, 52.3487



46.1603, 48.8928, 53.9650



46.7250, 48.8928, 54.1332



46.7834, 48.8928, 52.5135

Rectangle

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



46.2182, 48.8928, 52.3487



46.0708, 48.8928, 53.2184



46.7250, 48.8928, 54.1332



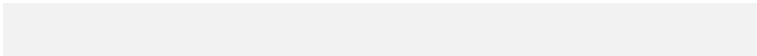
46.8738, 48.8928, 53.2535

Sweetspot

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



46.2196, 48.8949, 52.3498



84.5950, 89.0005, 96.9216



46.2523, 48.5996, 52.2910



18.6292, 19.5994, 21.3438



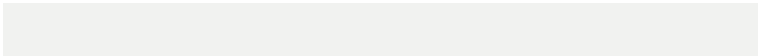
90.7827, 95.5105, 104.0109

Same Dimension

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



46.2196, 48.8949, 52.3498



83.8172, 88.6414, 94.9956



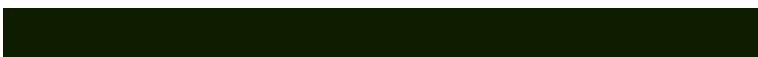
45.9792, 48.7710, 52.3385



10.0411, 10.6145, 11.3904



14.9247, 25.2303, 4.0833



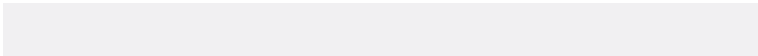
0.5975, 0.9262, 0.1473

Inverse Universe

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



46.0129, 48.1418, 53.3241



83.4636, 87.3525, 96.6631



46.2550, 48.2666, 53.3354



10.0022, 10.4728, 11.5737



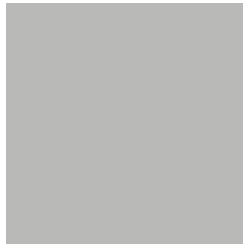
9.0981, 4.0014, 31.5459



0.3921, 0.1779, 1.1154

Previews

White Background



This preview shows how the XYZ color 46.2182, 48.8928, 52.3487 looks on a white background.

Color Contrast Check

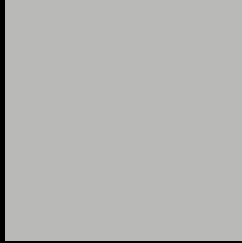
Large Text (above 18pt) WCAG AA × Fail

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 46.2182, 48.8928, 52.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

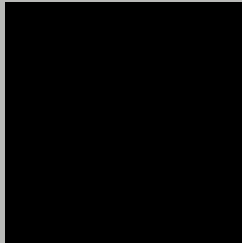
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

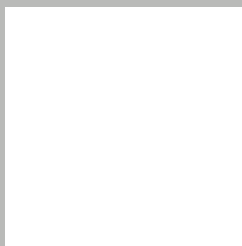
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2182, 48.8928, 52.3487

Background



This preview shows how black text looks on a background with the XYZ color 46.2182, 48.8928, 52.3487.



This preview shows how white text looks on a background with the XYZ color 46.2182, 48.8928,

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

46.2182, 48.8928, 52.3487

Protanopia

46.8825, 48.9356, 51.7743

Deuteranopia

49.7068, 48.8418, 52.7065



Tritanopia

47.8270, 48.9230, 60.3484

Trichromacy



Original Color

46.2182, 48.8928, 52.3487

Protanomaly

46.6352, 48.8082, 51.7627

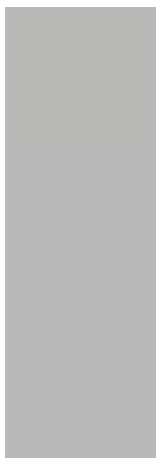
Deuteranomaly

48.2499, 48.6944, 52.7549

Tritanomaly

47.2243, 48.9873, 57.4186

Monochromacy



Original Color

46.2182, 48.8928, 52.3487

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1135, 48.5150, 52.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2182, 48.8928, 52.3487 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(185, 186, 184) looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 184)  
}
```

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(185, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 184) }
```

Border

The CSS property to change the border of an element to XYZ 46.2182, 48.8928, 52.3487 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(185, 186, 184) }
```

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

```
.border{ border-color:rgb(185, 186, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 186, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(185, 186,  
184) }
```


Background

The CSS property to change the background color of an element to XYZ 46.2182, 48.8928, 52.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 184) }
```

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

```
.background{ background-color: rgb(185,  
186, 184) }
```

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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