

Converting Colors

XYZ(23.5082, 18.2932, 13.6611)

Have a look what the booklet for
XYZ(23.5082, 18.2932, 13.6611)
contains.

| | |
|--|----|
| XYZ(23.5386, 18.3691, 13.6142) | 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(23.5386, 18.3691,
13.6142)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AC6261 |
| RGB | 172, 98, 97 |
| RGB Percent | 67%, 38%, 38% |
| CMY | 0.3255, 0.6157, 0.6196 |
| CMYK | 0.00, 0.43, 0.44, 0.33 |
| HSL | 1°, 31%, 53% |
| HSV | 1°, 44%, 67% |
| XYZ | 23.5386, 18.3691, 13.6142 |
| YIQ | 120.0120, 44.4250, 15.3770 |

Conversions

Conversions Part 2

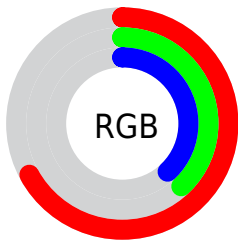
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 172, 98, 97 |
| Decimal | 11297377 |
| CIE Lab | 49.94, 29.76, 13.68 |
| CIE LCh | 50, 32.758, 24.687 |
| Yxy | 18.3691, 0.4240, 0.3308 |
| Android (android.graphics.Color) | 4289487457 (0xFFAC6261) |
| YUV | 120.0120, -11.3449, 45.5935 |
| Hunter-Lab | 42.8592, 23.0300, 11.1680 |

Details

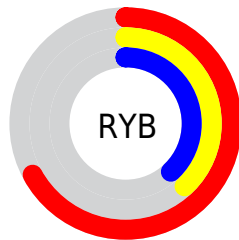
The XYZ color **23.5386, 18.3691, 13.6142** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9383, 34.6441, 44.2968**, and the grayscale version is **17.8821, 18.8134, 20.4878**.

A 20% lighter version of the original color is **48.8848, 40.7738, 33.3106**, and **9.0320, 6.2175, 3.8560** is the 20% darker color. If you saturate the color by 10%, you get **21.3989, 15.2370, 9.3641**, and if you desaturate by 10%, it is **26.1898, 22.2458, 18.8931**.

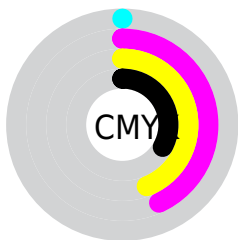
Distribution



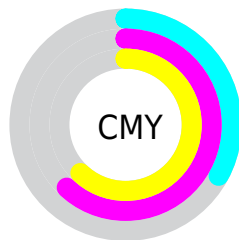
- Red (67%)
- Green (38%)
- Blue (38%)



- Red (67%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (44%)
- Black (33%)





- Cyan (33%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5386, 18.3691, 13.6142 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 23.5386, 18.3691, 13.6142 by changing the saturation by 10% instead.


 23.5386, 18.3691,
13.6142


 23.5386, 18.3691,
13.6142


262.9634,
242.9433, 226.1617


 15.1146, 11.2153,
7.7172


 48.7364, 40.6653,
33.1101


 8.9867, 6.2118,
3.8293


 66.2409, 56.5764,
47.5461

 4.7895, 2.9743,
1.5322

 87.5029, 76.1755,
65.6654

 2.1578, 1.1183,
0.2417

 112.8878, 99.8469,
87.8867

 0.7204, 0.0000,
0.0000

142.7609,
127.9749, 114.6284

 0.0000, 0.0000,
0.0000

177.4877,

160.9441, 146.3091

217.4334,
199.1388, 183.3474

■ 23.5386, 18.3691,
13.6142

■ 23.5386, 18.3691,
13.6142

■ 21.3989, 15.2370,
9.3641

■ 26.1898, 22.2458,
18.8931

■ 19.7364, 12.7993,
6.0746

■ 29.3809, 26.9076,
25.2605

■ 18.5150, 11.0039,
3.6714


■ 33.1400, 32.3955,
32.7732


■ 17.6927, 9.7904,
2.0685


■ 37.4929, 38.7466,
41.4833


■ 17.2196, 9.0867,
1.1630


■ 42.4638, 45.9960,
51.4401

 17.0382, 8.8206,
0.8045

 48.0753, 54.1767,
62.6899

 54.3492, 63.3201,
75.2766

 61.3061, 73.4560,
89.2423

 68.9658, 84.6132,
104.6269

Harmonies

Analogous

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



24.1861, 18.3691, 21.6448



23.5386, 18.3691, 13.6142



21.1863, 18.3691, 8.9503

Triad

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



23.5386, 18.3691, 13.6142



12.9821, 18.3691, 11.5794



16.9062, 18.3691, 42.6259

Complementary

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



23.5386, 18.3691, 13.6142



26.9383, 34.6441, 44.2968

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.



14.1971, 18.3691, 37.6852



23.5386, 18.3691, 13.6142



12.1120, 18.3691, 18.4423

Square

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



23.5386, 18.3691, 13.6142



15.0574, 18.3691, 8.0460



12.5287, 18.3691, 28.1253



20.1039, 18.3691, 40.1804

Rectangle

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



23.5386, 18.3691, 13.6142



19.1025, 18.3691, 7.5308



12.5287, 18.3691, 28.1253



15.9131, 18.3691, 41.7387

Sweetspot

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



23.5391, 18.3700, 13.6145



60.3948, 59.1698, 60.0028



28.7344, 20.2987, 41.4332



12.7854, 12.3630, 12.3606



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.5391, 18.3700, 13.6145



39.0541, 27.9838, 17.4502



27.7653, 26.8225, 15.0233



8.0135, 8.0319, 8.3413



12.6825, 6.5705, 0.5998



0.3555, 0.1882, 0.0176

Inverse Universe

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



26.9383, 34.6441, 44.2968



46.0025, 61.2621, 80.2060



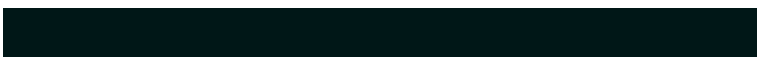
20.9706, 22.7088, 42.3076



8.2270, 9.0534, 10.2666



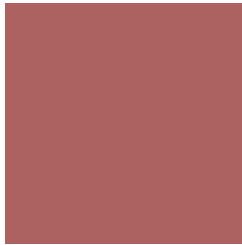
16.1996, 23.5331, 32.7331



0.4535, 0.6604, 0.9115

Previews

White Background



This preview shows how the XYZ color 23.5386, 18.3691, 13.6142 looks on a white background.

Color Contrast Check

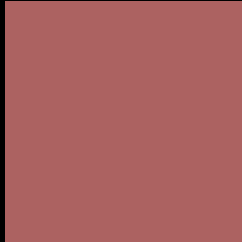
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5386, 18.3691, 13.6142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

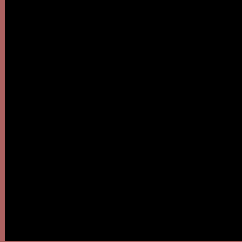
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5386, 18.3691, 13.6142

Background



This preview shows how black text looks on a background with the XYZ color 23.5386, 18.3691, 13.6142.

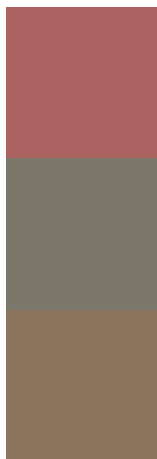


This preview shows how white text looks on a background with the XYZ color 23.5386, 18.3691,

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

23.5386, 18.3691, 13.6142

Protanopia

17.5628, 18.5403, 16.5629

Deuteranopia

18.7986, 18.5586, 13.1810



Tritanopia

24.0070, 18.4331, 15.3893

Trichromacy



Original Color

23.5386, 18.3691, 13.6142

Protanomaly

19.1171, 18.0109, 15.3008

Deuteranomaly

20.2967, 18.3428, 13.2972

Tritanomaly

23.8572, 18.3732, 14.6009

Monochromacy



Original Color

23.5386, 18.3691, 13.6142

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.3663, 18.2472, 17.8306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5386, 18.3691, 13.6142 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(172, 98, 97)` looks like.

```
.text, #text, p{  
    color:rgb(172, 98, 97)  
}
```

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(172, 98, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 98, 97) }
```

Border

The CSS property to change the border of an element to XYZ 23.5386, 18.3691, 13.6142 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(172, 98, 97) }
```


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

```
.border{ border-color:rgb(172, 98, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 98, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 98, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 98, 97);  
box-shadow:4px 4px 4px 4px rgb(172, 98,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5386, 18.3691, 13.6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 98, 97) }
```

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

```
.background{ background-color: rgb(172, 98,  
97) }
```

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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