

Converting Colors

XYZ(23.4775, 17.8395, 14.2576)

Have a look what the booklet for
XYZ(23.4775, 17.8395, 14.2576)
contains.

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Color

**XYZ(23.5365, 17.8097,
14.2537)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5E64
RGB	173, 94, 100
RGB Percent	68%, 37%, 39%
CMY	0.3216, 0.6314, 0.6078
CMYK	0.00, 0.46, 0.42, 0.32
HSL	355°, 33%, 52%
HSV	355°, 46%, 68%
XYZ	23.5365, 17.8097, 14.2537
YIQ	118.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

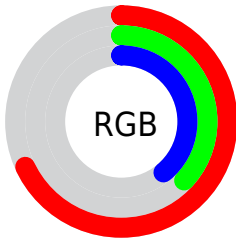
Format	Color
R_{YB}	173, 94, 100
Decimal	11361892
CIE _{Lab}	49.26, 32.67, 10.97
CIE _{LCh}	49, 34.463, 18.567
Yxy	17.8097, 0.4233, 0.3203
Android (android.graphics.Color)	4289551972 (0xFFAD5E64)
YUV	118.3050, -9.0244, 47.9675
Hunter-Lab	42.2015, 25.6997, 9.5157

Details

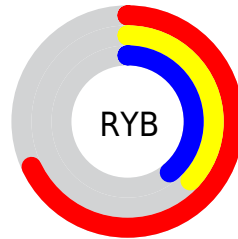
The XYZ color **23.5365, 17.8097, 14.2537** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.5355, 35.0572, 41.9293**, and the grayscale version is **17.3335, 18.2362, 19.8592**.

A 20% lighter version of the original color is **48.8198, 39.7811, 34.3836**, and **8.9404, 5.9250, 4.1625** is the 20% darker color. If you saturate the color by 10%, you get **21.4676, 14.7911, 10.1138**, and if you desaturate by 10%, it is **26.1030, 21.5804, 19.3089**.

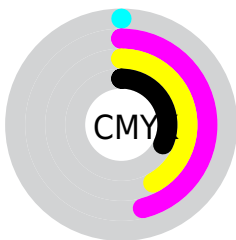
Distribution



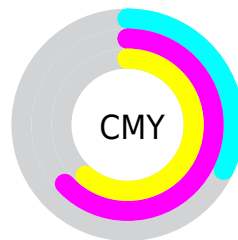
- Red (68%)
- Green (37%)
- Blue (39%)



- Red (68%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (32%)



- Cyan (32%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5365, 17.8097, 14.2537 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 23.5365, 17.8097, 14.2537 by changing the saturation by 10% instead.

■ 23.5365, 17.8097,
14.2537

■ 23.5365, 17.8097,
14.2537

262.9529,
239.7962, 230.2865

■ 15.1130, 10.8134,
8.1566

■ 48.7330, 39.7128,
34.2621

■ 8.9856, 5.9415,
4.1061

■ 66.2367, 55.3884,
49.0104

■ 4.7888, 2.8096,
1.6837

■ 87.4978, 74.7260,
67.4796

■ 2.1574, 1.0331,
0.3495

■ 112.8818, 98.1098,
90.0881

■ 0.7201, 0.0000,
0.0000

142.7539,
125.9244, 117.2545

■ 0.0000, 0.0000,
0.0000

177.4796,

158.5540, 149.3973

217.4241,
196.3832, 186.9352

■ 23.5365, 17.8097,
14.2537

■ 23.5365, 17.8097,
14.2537

■ 21.4676, 14.7911,
10.1138

■ 26.1030, 21.5804,
19.3089

■ 19.8626, 12.4716,
6.8335

■ 29.1950, 26.1461,
25.3286

■ 18.6860, 10.7959,
4.3525


■ 32.8400, 31.5495,
32.3598


■ 17.8963, 9.6989,
2.6022


■ 37.0633, 37.8299,
40.4459


■ 17.4419, 9.0979,
1.5017


■ 41.8885, 45.0236,
49.6280

 17.3070, 8.9136,
1.1935

 47.3380, 53.1651,
59.9449

 53.4328, 62.2873,
71.4336

 60.1933, 72.4212,
84.1291

 67.6388, 83.5966,
98.0654

Harmonies

Analogous

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



23.7870, 17.8097, 23.1423



23.5365, 17.8097, 14.2537



21.3873, 17.8097, 8.8660

Triad

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



23.5365, 17.8097, 14.2537



12.6786, 17.8097, 9.8294



15.7241, 17.8097, 42.6227

Complementary

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



23.5365, 17.8097, 14.2537



26.5355, 35.0572, 41.9293

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.



13.1354, 17.8097, 36.0521



23.5365, 17.8097, 14.2537



11.5326, 17.8097, 16.0700

Square

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



23.5365, 17.8097, 14.2537



15.0229, 17.8097, 6.9308



11.6885, 17.8097, 25.6363



18.9868, 17.8097, 41.6600

Rectangle

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



23.5365, 17.8097, 14.2537



19.3042, 17.8097, 7.0855



11.6885, 17.8097, 25.6363



14.7545, 17.8097, 41.1546

Sweetspot

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



23.5370, 17.8106, 14.2540



59.8231, 58.0010, 59.8908



27.3594, 19.1755, 41.7943



12.6792, 12.1272, 12.3977



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.



23.5370, 17.8106, 14.2540



38.3498, 26.3481, 17.9158



26.8331, 24.8504, 13.9732



8.0290, 8.0248, 8.4635



12.7235, 6.5520, 0.9235



0.3617, 0.1854, 0.0667

Inverse Universe

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



23.5370, 17.8106, 14.2540



38.3498, 26.3481, 17.9158



21.5499, 24.1782, 43.0661



8.0290, 8.0248, 8.4635



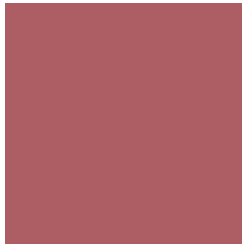
12.7235, 6.5520, 0.9235



0.3617, 0.1854, 0.0667

Previews

White Background



This preview shows how the XYZ color 23.5365, 17.8097, 14.2537 looks on a white 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

Black Background



This preview shows how the XYZ color 23.5365, 17.8097, 14.2537 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 23.5365, 17.8097, 14.2537

Background



This preview shows how black text looks on a background with the XYZ color 23.5365, 17.8097, 14.2537.



This preview shows how white text looks on a background with the XYZ color 23.5365, 17.8097,

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

23.5365, 17.8097, 14.2537

Protanopia

17.1711, 17.9574, 17.8903

Deuteranopia

18.2161, 17.9076, 13.8057



Tritanopia

23.5852, 17.8292, 14.5102

Trichromacy



Original Color

23.5365, 17.8097, 14.2537

Protanomaly

18.9906, 17.5954, 16.5827

Deuteranomaly

19.7531, 17.5795, 13.9074

Tritanomaly

23.5852, 17.8292, 14.5102

Monochromacy



Original Color

23.5365, 17.8097, 14.2537

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8191, 17.4882, 17.4226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5365, 17.8097, 14.2537 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(173, 94, 100)` looks like.

```
.text, #text, p{  
    color:rgb(173, 94, 100)  
}
```

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(173, 94, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 94, 100) }
```

Border

The CSS property to change the border of an element to XYZ 23.5365, 17.8097, 14.2537 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(173, 94, 100) }
```


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

```
.border{ border-color:rgb(173, 94, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 94, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 94, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 94, 100);  
box-shadow:4px 4px 4px 4px rgb(173, 94,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5365, 17.8097, 14.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 94, 100) }
```

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

```
.background{ background-color: rgb(173, 94,  
100) }
```

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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