

Converting Colors

XYZ(18.2314, 14.1895, 16.6308)

Have a look what the booklet for
XYZ(18.2314, 14.1895, 16.6308)
contains.

XYZ(18.2553, 14.1452, 16.5200)	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(18.2553, 14.1452,
16.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	93576E
RGB	147, 87, 110
RGB Percent	58%, 34%, 43%
CMY	0.4235, 0.6588, 0.5686
CMYK	0.00, 0.41, 0.25, 0.42
HSL	337°, 26%, 46%
HSV	337°, 41%, 58%
XYZ	18.2553, 14.1452, 16.5200
YIQ	107.5620, 28.3770, 19.8730

Conversions

Conversions Part 2

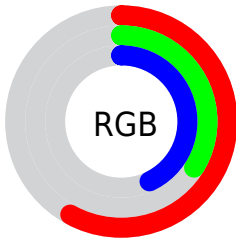
Format	Color
R_{YB}	147, 87, 110
Decimal	9656174
CIE _{Lab}	44.44, 27.96, -2.46
CIE _{LCh}	44, 28.072, 354.966
Yxy	14.1452, 0.3732, 0.2891
Android (android.graphics.Color)	4287846254 (0xFF93576E)
YUV	107.5620, 1.2019, 34.5871
Hunter-Lab	37.6101, 20.8232, 0.2843

Details

The XYZ color **18.2553, 14.1452, 16.5200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0029, 24.3493, 22.8210**, and the grayscale version is **14.1229, 14.8584, 16.1808**.

A 20% lighter version of the original color is **39.9672, 33.3421, 38.5116**, and **6.3420, 4.2428, 5.1873** is the 20% darker color. If you saturate the color by 10%, you get **16.7155, 11.8155, 13.6949**, and if you desaturate by 10%, it is **20.0888, 16.9812, 19.6925**.

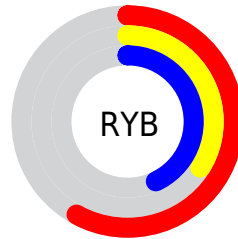
Distribution



Red (58%)

Green (34%)

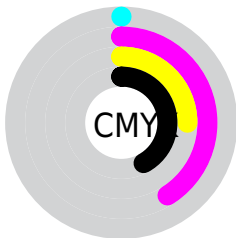
Blue (43%)



Red (58%)

Yellow (34%)

Blue (43%)

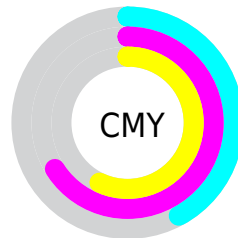


Cyan (0%)

Magenta (41%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2553, 14.1452, 16.5200 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 18.2553, 14.1452, 16.5200 by changing the saturation by 10% instead.

18.2553, 14.1452,
16.5200

18.2553, 14.1452,
16.5200

235.3240,
218.1323, 244.3405

11.2342, 8.2217,
9.7345

39.9986, 33.3464,
38.2779

6.2931, 4.2372,
5.1200

55.4514, 47.3930,
54.0874

3.0664, 1.8071,
2.2579

74.4457, 64.9160,
73.7420

1.1890, 0.4916,
0.7075

97.3466, 86.2999,
97.6603

0.0977, 0.0000,
0.0000

124.5195,
111.9291, 126.2607

0.0000, 0.0000,
0.0000

156.3298,

142.1880, 159.9619

193.1428,
177.4609, 199.1823

■ 18.2553, 14.1452,
16.5200

■ 18.2553, 14.1452,
16.5200

■ 16.7155, 11.8155,
13.6949

■ 20.0888, 16.9812,
19.6925

■ 15.4519, 9.9598,
11.2034

■ 22.2297, 20.3491,
23.2237

■ 14.4469, 8.5453,
9.0320


■ 24.6925, 24.2754,
27.1253


■ 13.6800, 7.5342,
7.1657

■ 27.4901, 28.7839,
31.4083

■ 13.1278, 6.8818,
5.5880


■ 30.6350, 33.8974,
36.0832

 12.7550, 6.4920,
4.3667

 34.1388, 39.6371,
41.1600

 38.0127, 46.0234,
46.6483

 42.2672, 53.0757,
52.5575

 46.9127, 60.8126,
58.8967

Harmonies

Analogous

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



17.3265, 14.1452, 23.7091



18.2553, 14.1452, 16.5200



17.7820, 14.1452, 10.7228

Triad

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



18.2553, 14.1452, 16.5200



11.6924, 14.1452, 6.6491



11.1008, 14.1452, 28.0068

Complementary

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



18.2553, 14.1452, 16.5200



18.0029, 24.3493, 22.8210

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.



9.8769, 14.1452, 21.2753



18.2553, 14.1452, 16.5200



10.1907, 14.1452, 9.3043

Square

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



18.2553, 14.1452, 16.5200



13.8296, 14.1452, 6.0323



9.5633, 14.1452, 14.3351



13.0668, 14.1452, 31.4256

Rectangle

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



18.2553, 14.1452, 16.5200



16.7600, 14.1452, 8.1739



9.5633, 14.1452, 14.3351



10.5980, 14.1452, 25.9786

Sweetspot

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



18.2557, 14.1459, 16.5203



43.5523, 42.4032, 47.5348



16.9874, 13.2088, 29.2582



9.8216, 9.4871, 10.6624



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.2557, 14.1459, 16.5203



30.1387, 21.4640, 24.9110



17.7561, 14.8973, 10.9572



5.8873, 5.8500, 6.5127



11.0692, 5.6327, 3.8456



0.1491, 0.0744, 0.1188

Inverse Universe

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



18.2557, 14.1459, 16.5203



30.1387, 21.4640, 24.9110



18.5755, 22.8894, 31.0430



5.8873, 5.8500, 6.5127



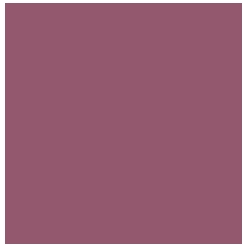
11.0692, 5.6327, 3.8456



0.1491, 0.0744, 0.1188

Previews

White Background



This preview shows how the XYZ color 18.2553, 14.1452, 16.5200 looks on a white background.

Color Contrast Check

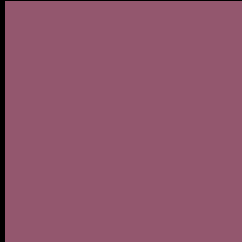
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2553, 14.1452, 16.5200 looks on a black 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

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

XYZ 18.2553, 14.1452, 16.5200

Background



This preview shows how black text looks on a background with the XYZ color 18.2553, 14.1452, 16.5200.



This preview shows how white text looks on a background with the XYZ color 18.2553, 14.1452,

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

18.2553, 14.1452, 16.5200

Protanopia

14.0963, 14.3672, 20.1194

Deuteranopia

14.4754, 14.2091, 15.8896



Tritanopia

17.5378, 14.1003, 12.8636

Trichromacy



Original Color

18.2553, 14.1452, 16.5200

Protanomaly

15.1863, 13.9417, 18.7202

Deuteranomaly

15.7339, 14.1441, 16.0882

Tritanomaly

17.6927, 14.0300, 14.0875

Monochromacy



Original Color

18.2553, 14.1452, 16.5200

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.3435, 14.3560, 16.4303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2553, 14.1452, 16.5200 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(147, 87, 110)` looks like.

```
.text, #text, p{  
    color:rgb(147, 87, 110)  
}
```

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(147, 87, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 87, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.2553, 14.1452, 16.5200 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(147, 87, 110) }
```


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

```
.border{ border-color:rgb(147, 87, 110) }
```

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

Here you see how a box with a 4 pixel rgb(147, 87, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 87, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 87, 110);  
box-shadow:4px 4px 4px 4px rgb(147, 87,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2553, 14.1452, 16.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 87, 110) }
```

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

```
.background{ background-color: rgb(147, 87,  
110) }
```

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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