

Converting Colors

XYZ(16.5768, 12.9785, 14.9239)

Have a look what the booklet for
XYZ(16.5768, 12.9785, 14.9239)
contains.

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Color

**XYZ(16.5353, 12.9360,
14.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5469
RGB	140, 84, 105
RGB Percent	55%, 33%, 41%
CMY	0.4510, 0.6706, 0.5882
CMYK	0.00, 0.40, 0.25, 0.45
HSL	338°, 25%, 44%
HSV	338°, 40%, 55%
XYZ	16.5353, 12.9360, 14.9900
YIQ	103.1380, 26.6350, 18.4030

Conversions

Conversions Part 2

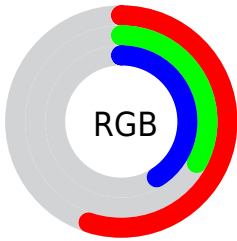
Format	Color
R_{YB}	140, 84, 105
Decimal	9196649
CIE _{Lab}	42.67, 26.25, -2.12
CIE _{LCh}	43, 26.334, 355.380
Yxy	12.9360, 0.3719, 0.2909
Android (android.graphics.Color)	4287386729 (0xFF8C5469)
YUV	103.1380, 0.9180, 32.3280
Hunter-Lab	35.9667, 19.1219, 0.4661

Details

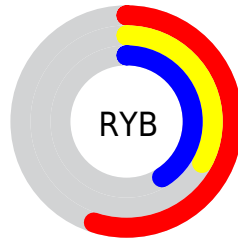
The XYZ color **16.5353, 12.9360, 14.9900** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3645, 21.9731, 20.8325**, and the grayscale version is **12.9217, 13.5946, 14.8045**.

A 20% lighter version of the original color is **37.1704, 31.3303, 35.5408**, and **5.4498, 3.7033, 4.4306** is the 20% darker color. If you saturate the color by 10%, you get **15.1285, 10.8054, 12.4151**, and if you desaturate by 10%, it is **18.2064, 15.5208, 17.8816**.

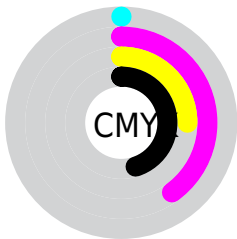
Distribution



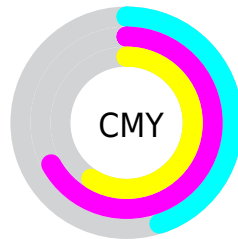
- Red (55%)
- Green (33%)
- Blue (41%)



- Red (55%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (45%)





- Cyan (45%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5353, 12.9360, 14.9900 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 16.5353, 12.9360, 14.9900 by changing the saturation by 10% instead.


 16.5353, 12.9360,
14.9900


 16.5353, 12.9360,
14.9900


225.6889,
210.5071, 234.9444


 9.9970, 7.3845,
8.6658


 37.0750, 31.1888,
35.5777


 5.4592, 3.7037,
4.4300

 51.8072, 44.6588,
50.6783


 2.5566, 1.5092,
1.8641

 70.0013, 61.5371,
69.5414

 0.9239, 0.2952,
0.4697

 92.0227, 82.2082,
92.5857

 0.0000, 0.0000,
0.0000

 118.2368,
107.0563, 120.2295

149.0090,

136.4659, 152.8916

184.7045,
170.8213, 190.9904

■ 16.5353, 12.9360,
14.9900

■ 16.5353, 12.9360,
14.9900

■ 15.1285, 10.8054,
12.4151

■ 18.2064, 15.5208,
17.8816

■ 13.9704, 9.1005,
10.1445

■ 20.1538, 18.5822,
21.1002

■ 13.0455, 7.7925,
8.1659

■ 22.3904, 22.1437,
24.6564

■ 12.3360, 6.8483,
6.4658

■ 24.9276, 26.2262,
28.5602

■ 11.8213, 6.2292,
5.0294

■ 27.7765, 30.8499,
32.8211

■ 11.4464, 5.8280,
3.8296

■ 30.9474, 36.0337,
37.4481

■ 11.4463, 5.8279,
3.8293

■ 34.4502, 41.7954,
42.4501

■ 38.2943, 48.1523,
47.8356

■ 42.4888, 55.1209,
53.6126

Harmonies

Analogous

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



15.7351, 12.9360, 21.3054



16.5353, 12.9360, 14.9900



16.1026, 12.9360, 9.8764

Triad

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



16.5353, 12.9360, 14.9900



10.7212, 12.9360, 6.3003



10.2395, 12.9360, 25.2166

Complementary

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



16.5353, 12.9360, 14.9900



16.3645, 21.9731, 20.8325

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.



9.1410, 12.9360, 19.3461



16.5353, 12.9360, 14.9900



9.3973, 12.9360, 8.7138

Square

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



16.5353, 12.9360, 14.9900



12.6073, 12.9360, 5.7191



8.8501, 12.9360, 13.2174



11.9884, 12.9360, 28.1423

Rectangle

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



16.5353, 12.9360, 14.9900



15.1956, 12.9360, 7.6161



8.8501, 12.9360, 13.2174



9.7897, 12.9360, 23.4562

Sweetspot

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



16.5357, 12.9366, 14.9903



38.5404, 37.5451, 42.0034



15.4483, 12.1238, 26.3368



8.7770, 8.4859, 9.5151



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.5357, 12.9366, 14.9903



26.8968, 19.3865, 22.3117



16.1172, 13.6188, 10.1675



5.1054, 5.0776, 5.6434



10.1795, 5.1819, 3.4498



0.0743, 0.0371, 0.0582

Inverse Universe

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



16.5357, 12.9366, 14.9903



26.8968, 19.3865, 22.3117



16.8417, 20.6817, 27.9152



5.1054, 5.0776, 5.6434



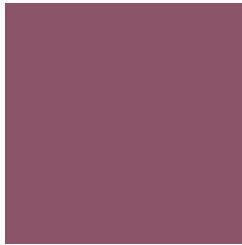
10.1795, 5.1819, 3.4498



0.0743, 0.0371, 0.0582

Previews

White Background



This preview shows how the XYZ color 16.5353, 12.9360, 14.9900 looks on a white background.

Color Contrast Check

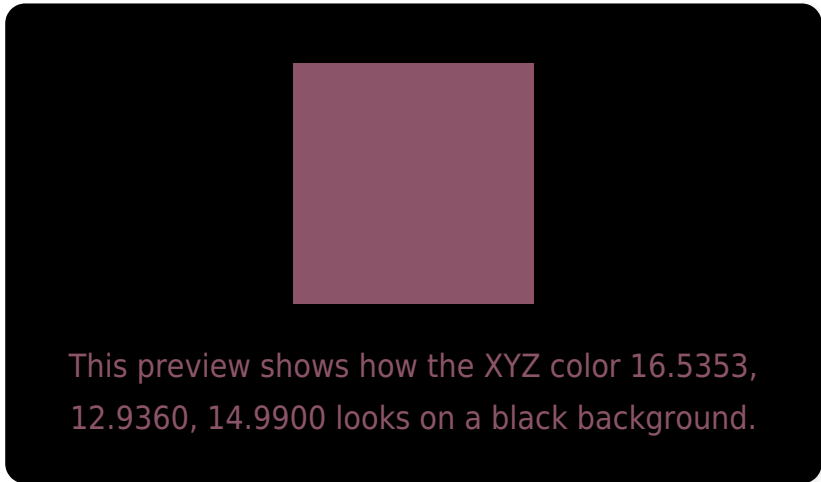
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

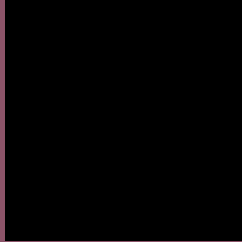
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5353, 12.9360, 14.9900

Background



This preview shows how black text looks on a background with the XYZ color 16.5353, 12.9360, 14.9900.



This preview shows how white text looks on a background with the XYZ color 16.5353, 12.9360,

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

16.5353, 12.9360, 14.9900

Protanopia

12.7973, 13.0048, 18.0553

Deuteranopia

13.2463, 13.0296, 14.6488



Tritanopia

15.9510, 12.9349, 12.0119

Trichromacy



Original Color

16.5353, 12.9360, 14.9900

Protanomaly

13.8114, 12.7305, 16.7682

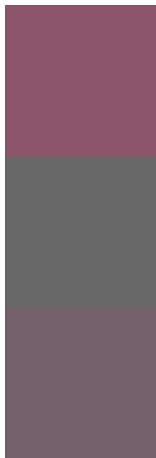
Deuteranomaly

14.2982, 12.8931, 14.8317

Tritanomaly

16.0536, 12.8490, 12.9433

Monochromacy



Original Color

16.5353, 12.9360, 14.9900

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.8840, 13.0782, 14.8893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5353, 12.9360, 14.9900 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(140, 84, 105)` looks like.

```
.text, #text, p{  
    color:rgb(140, 84, 105)  
}
```

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(140, 84, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 84, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.5353, 12.9360, 14.9900 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(140, 84, 105) }
```


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

```
.border{ border-color:rgb(140, 84, 105) }
```

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

Here you see how a box with a 4 pixel rgb(140, 84, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 84, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 84, 105);  
box-shadow:4px 4px 4px 4px rgb(140, 84,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5353, 12.9360, 14.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 84, 105) }
```

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

```
.background{ background-color: rgb(140, 84,  
105) }
```

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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