

Converting Colors

XYZ(17.9279, 12.1523, 3.5912)

Have a look what the booklet for
XYZ(17.9279, 12.1523, 3.5912)
contains.

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Color

**XYZ(17.9421, 12.1808,
3.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	A5432A
RGB	165, 67, 42
RGB Percent	65%, 26%, 16%
CMY	0.3529, 0.7372, 0.8353
CMYK	0.00, 0.59, 0.75, 0.35
HSL	12°, 59%, 41%
HSV	12°, 75%, 65%
XYZ	17.9421, 12.1808, 3.5960
YIQ	93.4520, 66.4330, 13.0010

Conversions

Conversions Part 2

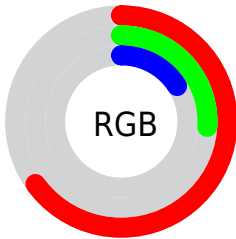
Format	Color
RYB	165, 73, 42
Decimal	10830634
CIELab	41.50, 38.97, 34.97
CIElCh	42, 52.362, 41.906
Yxy	12.1808, 0.5321, 0.3612
Android (android.graphics.Color)	4289020714 (0xFFA5432A)
YUV	93.4520, -25.3658, 62.7476
Hunter-Lab	34.9010, 30.6875, 18.3218

Details

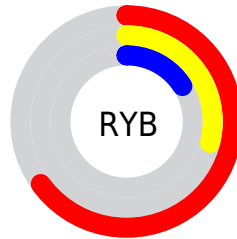
The XYZ color **17.9421, 12.1808, 3.5960** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.1236, 21.9634, 38.9338**, and the grayscale version is **10.5575, 11.1073, 12.0958**.

A 20% lighter version of the original color is **39.3329, 29.6857, 13.1080**, and **6.2073, 3.4136, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **17.0105, 10.6970, 2.1165**, and if you desaturate by 10%, it is **19.1732, 14.0694, 5.7753**.

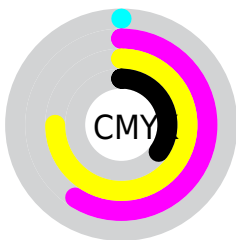
Distribution



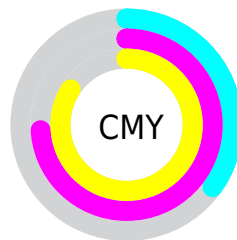
- Red (65%)
- Green (26%)
- Blue (16%)



- Red (65%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (35%)



- Cyan (35%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9421, 12.1808, 3.5960 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 17.9421, 12.1808, 3.5960 by changing the saturation by 10% instead.

■ 17.9421, 12.1808,
3.5960

■ 17.9421, 12.1808,
3.5960

233.5964,
205.5986, 143.6231

■ 11.0079, 6.8669,
1.4064

■ 39.4695, 29.8240,
13.0667

■ 6.1395, 3.3790,
0.1467

■ 54.7934, 42.9221,
21.1850

■ 2.9715, 1.3327,
0.0000

■ 73.6445, 59.3837,
32.1166

■ 1.1387, 0.1663,
0.0000

■ 96.3882, 79.5932,
46.2800

■ 0.0571, 0.0000,
0.0000

■ 123.3899,
103.9351, 64.0939

■ 0.0000, 0.0000,
0.0000

■ 155.0150,

132.7937, 85.9766

191.6287,
166.5534, 112.3469

■ 17.9421, 12.1808,
3.5960

■ 17.9421, 12.1808,
3.5960

■ 17.0105, 10.6970,
2.1165

■ 19.1732, 14.0694,
5.7753

■ 16.3493, 9.5852,
1.2469

■ 20.7275, 16.3883,
8.7276

■ 16.0760, 9.1174,
0.9125

■ 22.6267, 19.1629,
12.5175

■ 24.8908, 22.4162,
17.2025

■ 27.5379, 26.1695,
22.8351

■ 30.5850, 30.4431,
29.4637

■ 34.0481, 35.2557,
37.1334

■ 37.9420, 40.6254,
45.8865

■ 42.2812, 46.5694,
55.7629

Harmonies

Analogous

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



20.3438, 12.1808, 9.3825



17.9421, 12.1808, 3.5960



14.0091, 12.1808, 1.6376

Triad

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



17.9421, 12.1808, 3.5960



5.9095, 12.1808, 7.7483



13.1583, 12.1808, 46.2826

Complementary

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



17.9421, 12.1808, 3.5960



17.1236, 21.9634, 38.9338

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.



9.4449, 12.1808, 44.9451



17.9421, 12.1808, 3.5960



5.7796, 12.1808, 18.0880

Square

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



17.9421, 12.1808, 3.5960



7.3355, 12.1808, 2.9651



6.9301, 12.1808, 32.8325



17.2025, 12.1808, 35.8558

Rectangle

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



17.9421, 12.1808, 3.5960



11.3351, 12.1808, 1.3958



6.9301, 12.1808, 32.8325



11.8233, 12.1808, 47.3034

Sweetspot

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



17.9424, 12.1815, 3.5962



50.4263, 48.4277, 43.2858



21.1081, 11.5605, 26.0846



10.7378, 10.1838, 8.8454



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.9424, 12.1815, 3.5962



29.6903, 17.8703, 2.7249



23.6671, 23.6309, 5.5044



7.1850, 7.3084, 7.4121



12.1918, 6.9575, 0.7003



0.2860, 0.2059, 0.0247

Inverse Universe

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



17.1236, 21.9634, 38.9338



27.9461, 35.8873, 69.2064



10.5352, 8.7865, 36.7377



7.1533, 7.7655, 9.0250



11.3604, 14.5001, 29.1298



0.2680, 0.3632, 0.6218

Previews

White Background



This preview shows how the XYZ color 17.9421, 12.1808, 3.5960 looks on a white background.

Color Contrast Check

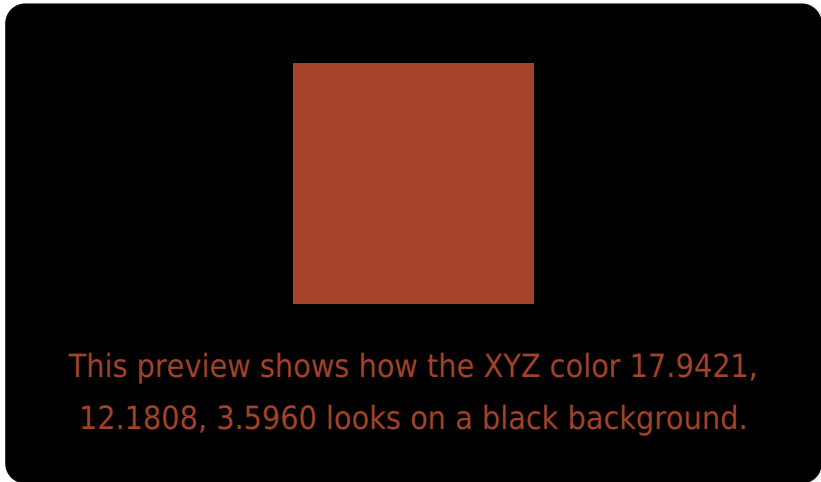
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9421, 12.1808, 3.5960

Background



This preview shows how black text looks on a background with the XYZ color 17.9421, 12.1808, 3.5960.



This preview shows how white text looks on a background with the XYZ color 17.9421, 12.1808,

3.5960.

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

17.9421, 12.1808, 3.5960

Protanopia

11.3883, 12.4228, 5.0464

Deuteranopia

12.4895, 12.3437, 3.3934



Tritanopia

18.6027, 12.1911, 6.8415

Trichromacy



Original Color

17.9421, 12.1808, 3.5960

Protanomaly

12.9950, 11.6969, 4.3691

Deuteranomaly

14.0014, 11.8839, 3.3896

Tritanomaly

18.4056, 12.2034, 5.5231

Monochromacy



Original Color

17.9421, 12.1808, 3.5960

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.0141, 10.7570, 7.9217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9421, 12.1808, 3.5960 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(165, 67, 42)` looks like.

```
.text, #text, p{  
    color:rgb(165, 67, 42)  
}
```

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(165, 67, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 67, 42) }
```

Border

The CSS property to change the border of an element to XYZ 17.9421, 12.1808, 3.5960 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(165, 67, 42) }
```


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

```
.border{ border-color:rgb(165, 67, 42) }
```

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

Here you see how a box with a 4 pixel rgb(165, 67, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 67, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 67, 42);  
box-shadow:4px 4px 4px 4px rgb(165, 67,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9421, 12.1808, 3.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 67, 42) }
```

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

```
.background{ background-color: rgb(165, 67,  
42) }
```

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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