

Converting Colors

XYZ(17.3225, 19.1325, 3.0184)

Have a look what the booklet for
XYZ(17.3225, 19.1325, 3.0184)
contains.

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Color

**XYZ(17.3624, 19.0955,
3.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7908
RGB	138, 121, 8
RGB Percent	54%, 47%, 3%
CMY	0.4588, 0.5255, 0.9686
CMYK	0.00, 0.12, 0.94, 0.46
HSL	52°, 89%, 29%
HSV	52°, 94%, 54%
XYZ	17.3624, 19.0955, 3.0004
YIQ	113.2010, 46.4050, -31.5390

Conversions

Conversions Part 2

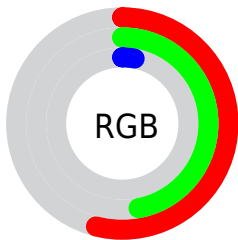
Format	Color
R_{YB}	28, 138, 8
Decimal	9074952
CIE Lab	50.80, -4.22, 54.76
CIE LCh	51, 54.924, 94.412
Yxy	19.0955, 0.4400, 0.4839
Android (android.graphics.Color)	4287265032 (0xFF8A7908)
YUV	113.2010, -51.8641, 21.7487
Hunter-Lab	43.6984, -5.5500, 26.5179

Details

The XYZ color **17.3624, 19.0955, 3.0004** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.0353, 2.5820, 24.2775**, and the grayscale version is **15.8961, 16.7239, 18.2123**.

A 20% lighter version of the original color is **38.5234, 41.9189, 11.6910**, and **6.0387, 6.6499, 0.9653** is the 20% darker color. If you saturate the color by 10%, you get **17.1924, 18.8258, 2.7276**, and if you desaturate by 10%, it is **17.6833, 19.5787, 3.5964**.

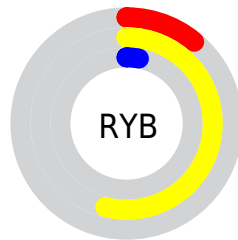
Distribution



Red (54%)

Green (47%)

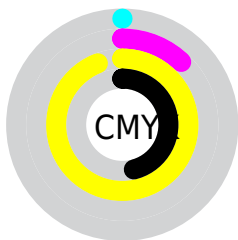
Blue (3%)



Red (11%)

Yellow (54%)

Blue (3%)

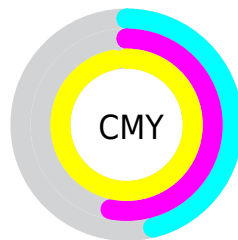


Cyan (0%)

Magenta (12%)

Yellow (94%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3624, 19.0955, 3.0004 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 17.3624, 19.0955, 3.0004 by changing the saturation by 10% instead.

■ 17.3624, 19.0955,
3.0004

■ 17.3624, 19.0955,
3.0004

230.3680,
246.9755, 136.3657

■ 10.5901, 11.7393,
1.0948

■ 38.4865, 41.8954,
11.6294

■ 5.8572, 6.5664,
0.0000

■ 53.5690, 58.1079,
19.1900

■ 2.7983, 3.1925,
0.0000

■ 72.1523, 78.0413,
29.4726

■ 1.0480, 1.2330,
0.0000

■ 94.6017, 102.0800,
42.8958

■ 0.0000, 0.0884,
0.0000


■ 121.2826,
130.6084, 59.8782


■ 0.0000, 0.0000,
0.0000


■ 152.5604,


164.0108, 80.8383


 188.8004,
202.6717, 106.1946


 17.3624, 19.0955,
3.0004


 17.3624, 19.0955,
3.0004


 17.1924, 18.8258,
2.7276

 17.6833, 19.5787,
3.5964

 18.0782, 20.0974,
4.5641

 18.5584, 20.6569,
5.9600

 19.1321, 21.2604,
7.8282

 19.8069, 21.9111,
10.2077

■ 20.5893, 22.6115,
13.1331

■ 21.4853, 23.3641,
16.6361

■ 22.5005, 24.1713,
20.7460

■ 23.6402, 25.0350,
25.4901

Harmonies

Analogous

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



23.0154, 19.0955, 3.8481



17.3624, 19.0955, 3.0004



12.8899, 19.0955, 4.6401

Triad

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



17.3624, 19.0955, 3.0004



10.8586, 19.0955, 42.5401



29.2217, 19.0955, 36.4671

Complementary

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



17.3624, 19.0955, 3.0004



5.0353, 2.5820, 24.2775

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.



24.6750, 19.0955, 56.2537



17.3624, 19.0955, 3.0004



14.0232, 19.0955, 60.8146

Square

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



17.3624, 19.0955, 3.0004



9.6386, 19.0955, 23.1649



18.9604, 19.0955, 66.7868



30.5999, 19.0955, 18.5865

Rectangle

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



17.3624, 19.0955, 3.0004



10.9457, 19.0955, 7.8406



18.9604, 19.0955, 66.7868



27.9743, 19.0955, 43.3516

Sweetspot

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



17.3628, 19.0964, 3.0008



37.1516, 40.5884, 26.4782



10.7472, 5.6487, 1.4629



8.2016, 8.9926, 5.4282



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.3628, 19.0964, 3.0008



30.2234, 33.0210, 4.7807



13.3814, 20.3849, 3.4593



5.3762, 5.7353, 5.3761



15.7706, 17.2757, 2.5033



0.1120, 0.1291, 0.0190

Inverse Universe

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



5.0353, 2.5820, 24.2775



8.3993, 3.8608, 42.6857



6.2869, 2.8401, 24.2614



4.8240, 4.9909, 6.3149



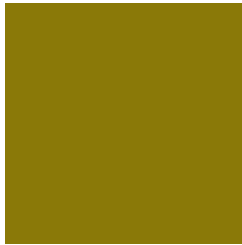
4.4118, 2.0938, 22.2173



0.0352, 0.0257, 0.1495

Previews

White Background



This preview shows how the XYZ color 17.3624, 19.0955, 3.0004 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 17.3624, 19.0955, 3.0004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

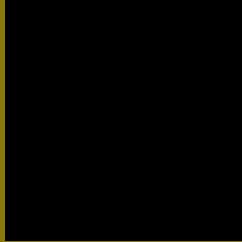
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3624, 19.0955, 3.0004

Background



This preview shows how black text looks on a background with the XYZ color 17.3624, 19.0955, 3.0004.



This preview shows how white text looks on a background with the XYZ color 17.3624, 19.0955,

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

17.3624, 19.0955, 3.0004

Protanopia

17.1977, 19.0106, 2.9927

Deuteranopia

19.3611, 19.0712, 3.1509



Tritanopia

20.9224, 18.9886, 20.6516

Trichromacy



Original Color

17.3624, 19.0955, 3.0004

Protanomaly

17.1977, 19.0106, 2.9927

Deuteranomaly

18.6467, 19.0475, 3.0745

Tritanomaly

18.7340, 18.5914, 10.1905

Monochromacy



Original Color

17.3624, 19.0955, 3.0004

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5414, 17.1364, 9.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3624, 19.0955, 3.0004 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(138, 121, 8)` looks like.

```
.text, #text, p{  
    color:rgb(138, 121, 8)  
}
```

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(138, 121, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 121, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.3624, 19.0955, 3.0004 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(138, 121, 8) }
```


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

```
.border{ border-color:rgb(138, 121, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 121, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 121, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 121, 8);  
box-shadow:4px 4px 4px 4px rgb(138, 121,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3624, 19.0955, 3.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 121, 8) }
```

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

```
.background{ background-color: rgb(138,  
121, 8) }
```

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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