

Converting Colors

XYZ(17.1708, 29.3604, 4.9919)

Have a look what the booklet for
XYZ(17.1708, 29.3604, 4.9919)
contains.

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Color

**XYZ(17.1708, 29.3604,
4.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	50A708
RGB	80, 167, 8
RGB Percent	31%, 65%, 3%
CMY	0.6863, 0.3451, 0.9686
CMYK	0.52, 0.00, 0.95, 0.35
HSL	93°, 91%, 34%
HSV	93°, 95%, 65%
XYZ	17.1708, 29.3604, 4.9919
YIQ	122.8610, -0.8130, -67.8930

Conversions

Conversions Part 2

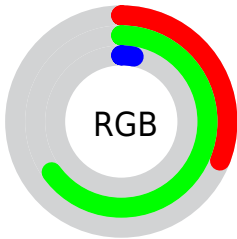
Format	Color
R_{YB}	8, 167, 95
Decimal	5285640
CIE _{Lab}	61.10, -49.67, 61.35
CIE _{LCh}	61, 78.932, 128.994
Yxy	29.3604, 0.3333, 0.5698
Android (android.graphics.Color)	4283475720 (0xFF50A708)
YUV	122.8610, -56.6265, -37.5891
Hunter-Lab	54.1852, -38.2592, 32.4675

Details

The XYZ color **17.1708, 29.3604, 4.9919** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **11.7838, 5.3982, 36.9817**, and the grayscale version is **18.9632, 19.9508, 21.7264**.

A 20% lighter version of the original color is **38.2085, 58.7144, 16.3404**, and **6.0298, 12.0411, 2.0064** is the 20% darker color. If you saturate the color by 10%, you get **16.7691, 29.1593, 4.7445**, and if you desaturate by 10%, it is **18.1249, 29.8383, 5.7079**.

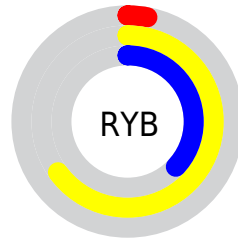
Distribution



 Red (31%)

 Green (65%)

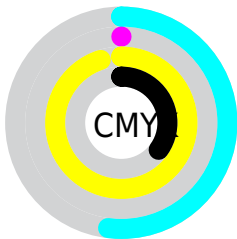
 Blue (3%)




 Red (3%)

 Yellow (65%)

 Blue (37%)

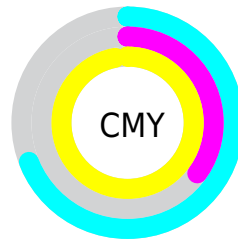


 Cyan (52%)


 Magenta (0%)

 Yellow (95%)

 Black (35%)



 Cyan (69%)

 Magenta (35%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1708, 29.3604, 4.9919 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 17.1708, 29.3604, 4.9919 by changing the saturation by 10% instead.

■ 17.1708, 29.3604,
4.9919

■ 17.1708, 29.3604,
4.9919

229.2918,
298.9116, 158.6837

■ 10.4524, 19.3536,
2.1839

■ 38.1605, 58.6492,
16.2395

■ 5.7645, 11.9261,
0.6650

■ 53.1625, 78.7000,
25.5161

■ 2.7417, 6.6934,
0.0000

■ 71.6563, 102.8676,
37.7861

■ 1.0187, 3.2711,
0.0000

■ 94.0075, 131.5365,
53.4678

■ 0.0000, 1.2748,
0.0000

■ 120.5813,
165.0909, 72.9799

■ 0.0000, 0.1216,
0.0000

■ 151.7430,

■ 0.0000, 0.0000,

203.9153, 96.7409

0.0000

187.8581,
248.3941, 125.1693

17.1708, 29.3604,
4.9919

17.1708, 29.3604,
4.9919

16.7691, 29.1593,
4.7445

18.1249, 29.8383,
5.7079

19.2939, 30.4138,
6.9898

20.6997, 31.0970,
8.9300

22.3597, 31.8954,
11.6019

24.2894, 32.8154,
15.0690

■ 26.5027, 33.8631,
19.3879

■ 29.0127, 35.0441,
24.6100

■ 31.8313, 36.3634,
30.7828

■ 34.9698, 37.8260,
37.9503

Harmonies

Analogous

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



24.9116, 29.3604, 2.2603



17.1708, 29.3604, 4.9919



13.1548, 29.3604, 15.5914

Triad

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



17.1708, 29.3604, 4.9919



21.3679, 29.3604, 120.0482



52.5143, 29.3604, 23.8665

Complementary

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



17.1708, 29.3604, 4.9919



11.7838, 5.3982, 36.9817

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.



50.8897, 29.3604, 57.0360



17.1708, 29.3604, 4.9919



31.1316, 29.3604, 127.6553

Square

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



17.1708, 29.3604, 4.9919



15.1290, 29.3604, 82.8593



42.3816, 29.3604, 99.7984



46.3893, 29.3604, 7.8559

Rectangle

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



17.1708, 29.3604, 4.9919



12.3723, 29.3604, 30.9791



42.3816, 29.3604, 99.7984



52.8831, 29.3604, 32.9787

Sweetspot

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



17.1715, 29.3617, 4.9925



49.9469, 61.8144, 39.8238



19.8786, 16.0287, 2.2763



10.7705, 13.6414, 8.0726



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.1715, 29.3617, 4.9925



29.8002, 52.1012, 8.4859



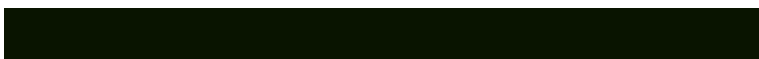
13.9944, 27.7202, 5.0045



7.7473, 8.5678, 8.0347



12.8865, 22.3404, 3.6330



0.3729, 0.5741, 0.0912

Inverse Universe

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



11.7838, 5.3982, 36.9817



20.0467, 8.8914, 66.1349



22.5193, 10.9880, 34.9785



7.5094, 7.4952, 9.4693



8.7253, 3.8815, 28.2648



0.2700, 0.1242, 0.6904

Previews

White Background



This preview shows how the XYZ color 17.1708, 29.3604, 4.9919 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 17.1708, 29.3604, 4.9919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

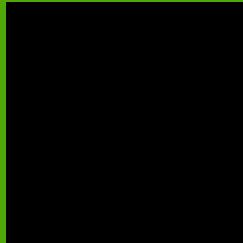
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1708, 29.3604, 4.9919

Background



This preview shows how black text looks on a background with the XYZ color 17.1708, 29.3604, 4.9919.



This preview shows how white text looks on a background with the XYZ color 17.1708, 29.3604,

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

17.1708, 29.3604, 4.9919

Protanopia

25.9508, 28.8668, 4.2041

Deuteranopia

29.3032, 28.7769, 5.6002



Tritanopia

24.3827, 29.1534, 41.3879

Trichromacy



Original Color

17.1708, 29.3604, 4.9919

Protanomaly

21.4036, 28.1861, 4.3985

Deuteranomaly

22.7770, 27.6761, 5.0612

Tritanomaly

19.9319, 28.3550, 19.1744

Monochromacy



Original Color

17.1708, 29.3604, 4.9919

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

16.7812, 22.1851, 11.1823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1708, 29.3604, 4.9919 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(80, 167, 8)` looks like.

```
.text, #text, p{  
    color:rgb(80, 167, 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(80, 167, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 167, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.1708, 29.3604, 4.9919 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(80, 167, 8) }
```


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

```
.border{ border-color:rgb(80, 167, 8) }
```

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

Here you see how a box with a 4 pixel rgb(80, 167, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 167, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 167, 8);  
box-shadow:4px 4px 4px 4px rgb(80, 167, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.1708, 29.3604, 4.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 167, 8) }
```

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

```
.background{ background-color: rgb(80, 167,  
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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