

Converting Colors

XYZ(17.7901, 27.9838, 9.3143)

Have a look what the booklet for
XYZ(17.7901, 27.9838, 9.3143)
contains.

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Color

**XYZ(17.7901, 27.9838,
9.3143)**

Conversions

Conversions Part 1

Format	Color
Hex	59A140
RGB	89, 161, 64
RGB Percent	35%, 63%, 25%
CMY	0.6510, 0.3686, 0.7490
CMYK	0.45, 0.00, 0.60, 0.37
HSL	105°, 43%, 44%
HSV	105°, 60%, 63%
XYZ	17.7901, 27.9838, 9.3143
YIQ	128.4140, -11.7750, -45.4310

Conversions

Conversions Part 2

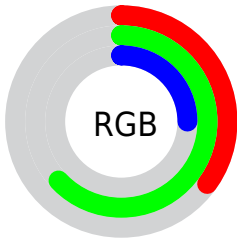
Format	Color
RYB	64, 161, 136
Decimal	5873984
CIELab	59.87, -41.03, 42.69
CIELCh	60, 59.215, 133.863
Yxy	27.9838, 0.3229, 0.5080
Android (android.graphics.Color)	4284064064 (0xFF59A140)
YUV	128.4140, -31.7561, -34.5661
Hunter-Lab	52.8997, -32.5452, 26.5903

Details

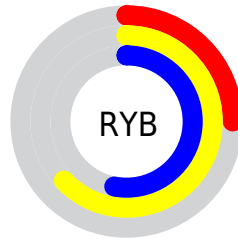
The XYZ color **17.7901, 27.9838, 9.3143** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18.4214, 11.4753, 34.9639**, and the grayscale version is **20.7724, 21.8541, 23.7992**.

A 20% lighter version of the original color is **39.1520, 56.2788, 25.0190**, and **6.1136, 11.2641, 2.1104** is the 20% darker color. If you saturate the color by 10%, you get **16.3414, 27.2834, 7.1907**, and if you desaturate by 10%, it is **19.5586, 28.8356, 12.1444**.

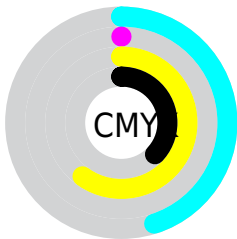
Distribution



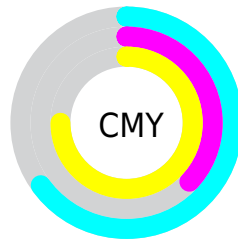
- Red (35%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (53%)



- Cyan (45%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (65%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7901, 27.9838, 9.3143 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 17.7901, 27.9838, 9.3143 by changing the saturation by 10% instead.

■ 17.7901, 27.9838,
9.3143

■ 17.7901, 27.9838,
9.3143

232.7538,
292.3895, 196.0091

■ 10.8982, 18.3134,
4.8471

■ 39.2122, 56.4586,
25.0849

■ 6.0652, 11.1753,
2.1007

■ 54.4731, 76.0318,
37.2253

■ 2.9258, 6.1848,
0.6162

■ 73.2544, 99.6747,
52.7607

■ 1.1146, 2.9578,
0.0000

■ 95.9214, 127.7718,
72.1094

■ 0.0373, 1.1097,
0.0000

■ 122.8395,
160.7075, 95.6901

■ 0.0000, 0.0000,
0.0000

154.3740,

198.8660, 123.9212

190.8903,
242.6319, 157.2214

■ 17.7901, 27.9838,
9.3143

■ 17.7901, 27.9838,
9.3143

■ 16.3414, 27.2834,
7.1907

■ 19.5586, 28.8356,
12.1444

■ 15.1899, 26.7213,
5.7096

■ 21.6637, 29.8435,
15.7342

■ 14.3127, 26.2883,
4.7984

■ 24.1232, 31.0166,
20.1335

■ 13.6796, 25.9725,
4.2922

■ 26.9530, 32.3621,
25.3879

■ 30.1682, 33.8867,
31.5391

■ 33.7829, 35.5970,
38.6263

■ 37.8103, 37.4990,
46.6865

■ 42.2632, 39.5985,
55.7544

■ 47.1539, 41.9010,
65.8632

Harmonies

Analogous

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



23.2841, 27.9838, 5.3663



17.7901, 27.9838, 9.3143



14.9934, 27.9838, 20.3559

Triad

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



17.7901, 27.9838, 9.3143



22.7810, 27.9838, 90.0029



43.2345, 27.9838, 21.5920

Complementary

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



17.7901, 27.9838, 9.3143



18.4214, 11.4753, 34.9639

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.



43.0297, 27.9838, 43.4768



17.7901, 27.9838, 9.3143



30.2118, 27.9838, 90.8805

Square

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



17.7901, 27.9838, 9.3143



17.4819, 27.9838, 69.0741



37.9175, 27.9838, 71.0970



38.4333, 27.9838, 9.8511

Rectangle

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



17.7901, 27.9838, 9.3143



14.6304, 27.9838, 33.3432



37.9175, 27.9838, 71.0970



43.7731, 27.9838, 27.7661

Sweetspot

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



17.7908, 27.9850, 9.3149



49.3137, 58.4512, 47.4425



24.3072, 25.3138, 8.4559



10.4868, 12.6633, 9.7845



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.7908, 27.9850, 9.3149



28.5693, 48.5215, 11.9363



16.5655, 27.2632, 13.3284



7.1488, 7.9792, 7.5434



10.9584, 20.7597, 3.4295



0.2715, 0.4574, 0.0740

Inverse Universe

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



18.4214, 11.4753, 34.9639



29.7051, 16.2700, 61.9613



21.1465, 13.0903, 25.5976



7.1853, 7.1099, 8.8967



11.3093, 5.2366, 27.3445



0.2776, 0.1307, 0.5764

Previews

White Background



This preview shows how the XYZ color 17.7901, 27.9838, 9.3143 looks on a white background.

Color Contrast Check

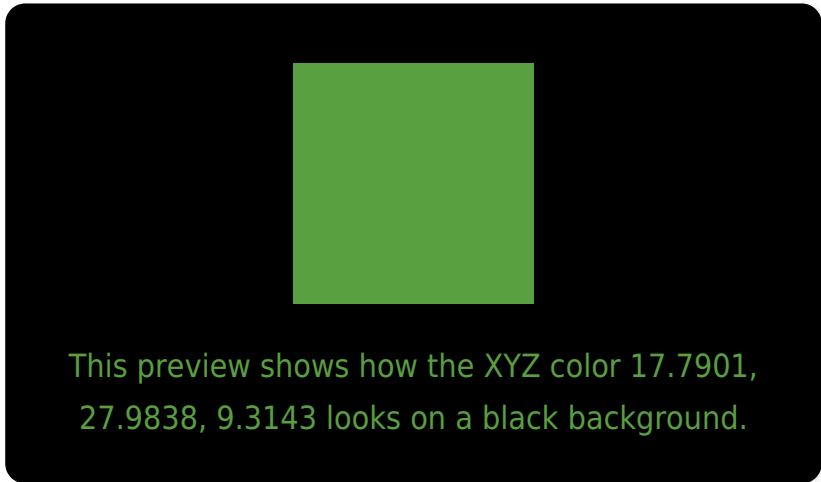
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 17.7901, 27.9838, 9.3143

Background



This preview shows how black text looks on a background with the XYZ color 17.7901, 27.9838, 9.3143.



This preview shows how white text looks on a background with the XYZ color 17.7901, 27.9838,

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

17.7901, 27.9838, 9.3143

Protanopia

25.2599, 27.7359, 8.1599

Deuteranopia

28.2145, 27.6934, 9.8195



Tritanopia

23.7409, 27.9034, 38.7849

Trichromacy



Original Color

17.7901, 27.9838, 9.3143

Protanomaly

21.5802, 27.2179, 8.5311

Deuteranomaly

22.9993, 26.9949, 9.4672

Tritanomaly

20.8076, 27.6843, 24.3256

Monochromacy



Original Color

17.7901, 27.9838, 9.3143

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.8673, 23.3535, 16.8779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7901, 27.9838, 9.3143 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(89, 161, 64)` looks like.

```
.text, #text, p{  
    color:rgb(89, 161, 64)  
}
```

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(89, 161, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 161, 64) }
```

Border

The CSS property to change the border of an element to XYZ 17.7901, 27.9838, 9.3143 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(89, 161, 64) }
```


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

```
.border{ border-color:rgb(89, 161, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 161, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 161, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 161, 64);  
box-shadow:4px 4px 4px 4px rgb(89, 161,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7901, 27.9838, 9.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 161, 64) }
```

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

```
.background{ background-color: rgb(89, 161,  
64) }
```

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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