

Converting Colors

XYZ(27.4381, 28.6155, 19.1163)

Have a look what the booklet for
XYZ(27.4381, 28.6155, 19.1163)
contains.

XYZ(27.5404, 28.6713, 19.1215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5404, 28.6713,
19.1215)**

Conversions

Conversions Part 1

Format	Color
Hex	A1906F
RGB	161, 144, 111
RGB Percent	63%, 56%, 44%
CMY	0.3686, 0.4353, 0.5647
CMYK	0.00, 0.11, 0.31, 0.37
HSL	40°, 21%, 53%
HSV	40°, 31%, 63%
XYZ	27.5404, 28.6713, 19.1215
YIQ	145.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

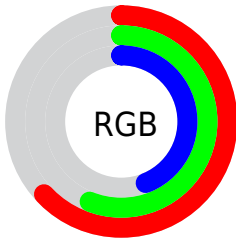
Format	Color
R_{YB}	137, 161, 111
Decimal	10588271
CIE _{Lab}	60.49, 1.16, 19.88
CIE _{LCh}	60, 19.914, 86.654
Yxy	28.6713, 0.3656, 0.3806
Android (android.graphics.Color)	4288778351 (0xFFA1906F)
YUV	145.3210, -16.9203, 13.7505
Hunter-Lab	53.5456, -1.8959, 16.3090

Details

The XYZ color **27.5404, 28.6713, 19.1215** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.7075, 21.3903, 36.7555**, and the grayscale version is **27.1057, 28.5173, 31.0553**.

A 20% lighter version of the original color is **55.1238, 57.6314, 42.8690**, and **11.2066, 11.6155, 6.3540** is the 20% darker color. If you saturate the color by 10%, you get **25.9239, 26.7314, 14.5963**, and if you desaturate by 10%, it is **29.3584, 30.7582, 24.5029**.

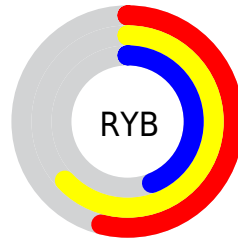
Distribution



Red (63%)

Green (56%)

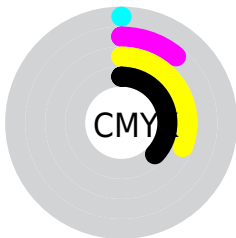
Blue (44%)



Red (54%)

Yellow (63%)

Blue (44%)

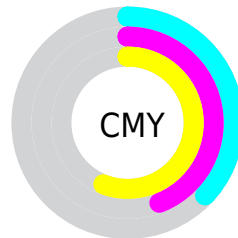


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5404, 28.6713, 19.1215 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 27.5404, 28.6713, 19.1215 by changing the saturation by 10% instead.

■ 27.5404, 28.6713,
19.1215

■ 27.5404, 28.6713,
19.1215

282.3843,
295.6609, 259.5637

■ 18.1182, 18.8323,
11.5804

■ 55.1636, 57.5544,
42.7787

■ 11.1351, 11.5492,
6.3396

■ 74.0953, 77.3674,
59.7320

■ 6.2257, 6.4375,
2.9805

■ 96.9276, 101.2737,
80.6596

■ 3.0248, 3.1129,
1.0847

■ 124.0257,
129.6579, 105.9803

■ 1.1669, 1.1909,
0.0000

155.7551,
162.9043, 136.1125

■ 0.0800, 0.0543,
0.0000

192.4811,

■ 0.0000, 0.0000,

201.3974, 171.4748

0.0000

234.5690,
245.5214, 212.4857

■ 27.5404, 28.6713,
19.1215

■ 27.5404, 28.6713,
19.1215

■ 25.9239, 26.7314,
14.5963

■ 29.3584, 30.7582,
24.5029

■ 24.4976, 24.9299,
10.8801

■ 31.3841, 32.9923,
30.7806

■ 23.2521, 23.2632,
7.9237

■ 33.6263, 35.3791,
37.9947

■ 22.1765, 21.7261,
5.6721

■ 36.0924, 37.9223,
46.1818

■ 21.2582, 20.3124,
4.0624

■ 38.7896, 40.6257,
55.3770

■ 20.4827, 19.0155,
3.0207

■ 41.7247, 43.4928,
65.6134

■ 19.8801, 17.9415,
2.4153

■ 44.9041, 46.5270,
76.9226

■ 48.3341, 49.7315,
89.3349

■ 51.8751, 53.0514,
102.1136

Harmonies

Analogous

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



30.0567, 28.6713, 20.8319



27.5404, 28.6713, 19.1215



25.0955, 28.6713, 20.2080

Triad

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



27.5404, 28.6713, 19.1215



23.0719, 28.6713, 38.0019



31.5879, 28.6713, 39.6550

Complementary

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



27.5404, 28.6713, 19.1215



20.7075, 21.3903, 36.7555

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.



29.5270, 28.6713, 45.6398



27.5404, 28.6713, 19.1215



24.6260, 28.6713, 44.5849

Square

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



27.5404, 28.6713, 19.1215



22.6129, 28.6713, 30.4001



26.9641, 28.6713, 47.5713



32.4840, 28.6713, 32.0508

Rectangle

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



27.5404, 28.6713, 19.1215



23.8156, 28.6713, 22.4825



26.9641, 28.6713, 47.5713



31.0023, 28.6713, 41.9661

Sweetspot

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



27.5411, 28.6726, 19.1221



56.9337, 59.8717, 57.4320



24.3118, 20.5179, 23.2743



12.3698, 13.0050, 12.2257



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.



27.5411, 28.6726, 19.1221



47.3620, 49.0137, 28.6985



28.8456, 33.4585, 19.9771



7.4457, 7.8298, 7.4990



15.9165, 14.4069, 1.9419



0.3755, 0.3849, 0.0545

Inverse Universe

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



20.7075, 21.3903, 36.7555



33.2273, 33.9569, 65.1896



19.6570, 17.8291, 36.1234



6.8881, 7.2352, 8.9366



6.2533, 4.2860, 27.4275



0.1738, 0.1749, 0.5905

Previews

White Background



This preview shows how the XYZ color 27.5404, 28.6713, 19.1215 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 27.5404, 28.6713, 19.1215 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 27.5404, 28.6713, 19.1215

Background



This preview shows how black text looks on a background with the XYZ color 27.5404, 28.6713, 19.1215.



This preview shows how white text looks on a background with the XYZ color 27.5404, 28.6713,

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

27.5404, 28.6713, 19.1215

Protanopia

26.9138, 28.7955, 19.4688

Deuteranopia

29.0973, 28.5839, 19.3129



Tritanopia

30.2547, 28.6666, 32.7928

Trichromacy



Original Color

27.5404, 28.6713, 19.1215

Protanomaly

27.1506, 28.6898, 19.4359

Deuteranomaly

28.3859, 28.4351, 19.3217

Tritanomaly

29.2787, 28.7198, 27.2929

Monochromacy



Original Color

27.5404, 28.6713, 19.1215

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1215, 28.5236, 26.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5404, 28.6713, 19.1215 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(161, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(161, 144, 111)  
}
```

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(161, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 144, 111) }
```

Border

The CSS property to change the border of an element to XYZ 27.5404, 28.6713, 19.1215 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(161, 144, 111) }
```


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

```
.border{ border-color:rgb(161, 144, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 144, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 144, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 144, 111); box-shadow:4px 4px 4px 4px rgb(161, 144, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5404, 28.6713, 19.1215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 144, 111) }
```

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

```
.background{ background-color: rgb(161,  
144, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor