

Converting Colors

XYZ(27.8392, 30.5314, 20.5779)

Have a look what the booklet for
XYZ(27.8392, 30.5314, 20.5779)
contains.

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Color

**XYZ(27.8714, 30.4389,
20.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9773
RGB	156, 151, 115
RGB Percent	61%, 59%, 45%
CMY	0.3882, 0.4078, 0.5490
CMYK	0.00, 0.03, 0.26, 0.39
HSL	53°, 17%, 53%
HSV	53°, 26%, 61%
XYZ	27.8714, 30.4389, 20.6260
YIQ	148.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

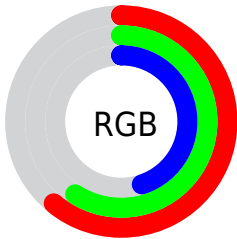
Format	Color
RYB	121, 156, 115
Decimal	10262387
CIELab	62.03, -4.16, 19.67
CIElCh	62, 20.108, 101.935
Yxy	30.4389, 0.3531, 0.3856
Android (android.graphics.Color)	4288452467 (0xFF9C9773)
YUV	148.3910, -16.4618, 6.6731
Hunter-Lab	55.1715, -6.3758, 16.4543

Details

The XYZ color **27.8714, 30.4389, 20.6260** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7874, 19.4776, 34.1692**, and the grayscale version is **28.3747, 29.8524, 32.5092**.

A 20% lighter version of the original color is **55.6703, 60.3015, 45.2644**, and **11.2792, 12.4626, 7.1212** is the 20% darker color. If you saturate the color by 10%, you get **26.7455, 29.5039, 16.1905**, and if you desaturate by 10%, it is **29.1558, 31.4472, 25.8646**.

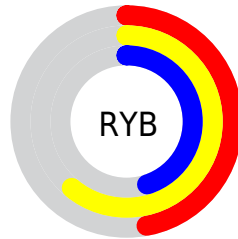
Distribution



Red (61%)

Green (59%)

Blue (45%)



Red (47%)

Yellow (61%)

Blue (45%)

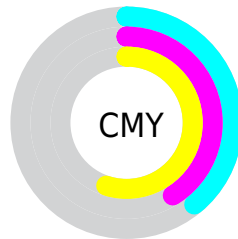


Cyan (0%)

Magenta (3%)

Yellow (26%)

Black (39%)



Cyan (39%)

Magenta (41%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8714, 30.4389, 20.6260 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 27.8714, 30.4389, 20.6260 by changing the saturation by 10% instead.

■ 27.8714, 30.4389,
20.6260

■ 27.8714, 30.4389,
20.6260

283.9431,
303.9449, 267.9996

■ 18.3687, 20.1720,
12.6623

■ 55.6891, 60.3556,
45.3369

■ 11.3163, 12.5201,
7.0685

■ 74.7349, 80.7741,
62.9213

■ 6.3489, 7.0989,
3.4259

■ 97.6924, 105.3453,
84.5496

■ 3.1010, 3.5241,
1.3160

124.9269,
134.4536, 110.6404

■ 1.2074, 1.4111,
0.0748

156.8039,
168.4832, 141.6123

■ 0.1122, 0.2249,
0.0000

193.6887,

■ 0.0000, 0.0000,

207.8188, 177.8838

0.0000

235.9467,
252.8445, 219.8733

■ 27.8714, 30.4389,
20.6260

■ 27.8714, 30.4389,
20.6260

■ 26.7455, 29.5039,
16.1905

■ 29.1558, 31.4472,
25.8646

■ 25.7679, 28.6352,
12.5158

■ 30.6034, 32.5277,
31.9419

■ 24.9313, 27.8306,
9.5589

■ 32.2218, 33.6845,
38.8935

■ 24.2264, 27.0865,
7.2716

■ 34.0171, 34.9201,
46.7525

■ 23.6428, 26.3986,
5.5997

■ 35.9955, 36.2369,
55.5503

■ 23.1688, 25.7623,
4.4806

■ 38.1624, 37.6372,
65.3166

■ 22.7871, 25.1706,
3.8240

■ 40.5235, 39.1233,
76.0802

■ 22.6545, 24.9562,
3.6230

■ 43.0840, 40.6972,
87.8683

■ 45.7840, 42.3352,
100.3662

Harmonies

Analogous

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



30.5703, 30.4389, 20.9272



27.8714, 30.4389, 20.6260



25.6003, 30.4389, 23.2716

Triad

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



27.8714, 30.4389, 20.6260



25.2404, 30.4389, 44.0988



34.1500, 30.4389, 37.9678

Complementary

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



27.8714, 30.4389, 20.6260



19.7874, 19.4776, 34.1692

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.



32.5393, 30.4389, 45.4721



27.8714, 30.4389, 20.6260



27.3519, 30.4389, 49.3732

Square

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



27.8714, 30.4389, 20.6260



24.1457, 30.4389, 36.3120



30.0177, 30.4389, 49.9116



34.3107, 30.4389, 30.1636

Rectangle

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



27.8714, 30.4389, 20.6260



24.5898, 30.4389, 26.6315



30.0177, 30.4389, 49.9116



33.7558, 30.4389, 40.6373

Sweetspot

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



27.8722, 30.4403, 20.6266



55.0676, 58.7007, 55.8243



23.2599, 20.6972, 20.6876



12.0326, 12.8542, 11.9264



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.8722, 30.4403, 20.6266



49.2916, 54.1933, 32.1814



25.9621, 30.6747, 20.7726



7.1012, 7.5823, 7.0749



18.6772, 20.5900, 2.9899



0.3515, 0.4032, 0.0593

Inverse Universe

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



19.7874, 19.4776, 34.1692



31.8831, 30.5911, 61.3510



21.3429, 19.4107, 34.0743



6.3467, 6.5591, 8.3382



5.1495, 2.3906, 26.0973



0.1086, 0.0758, 0.4721

Previews

White Background



This preview shows how the XYZ color 27.8714, 30.4389, 20.6260 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.8714, 30.4389, 20.6260 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 ✓ Pass

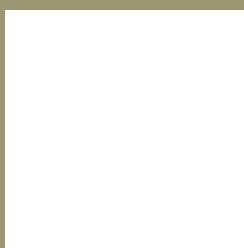
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8714, 30.4389, 20.6260

Background



This preview shows how black text looks on a background with the XYZ color 27.8714, 30.4389, 20.6260.



This preview shows how white text looks on a background with the XYZ color 27.8714, 30.4389,

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

27.8714, 30.4389, 20.6260

Protanopia

28.4408, 30.5012, 20.3079

Deuteranopia

31.0301, 30.4376, 20.7626



Tritanopia

30.9091, 30.2622, 36.1104

Trichromacy



Original Color

27.8714, 30.4389, 20.6260

Protanomaly

28.2417, 30.3985, 20.2986

Deuteranomaly

29.9483, 30.5634, 20.8439

Tritanomaly

29.6143, 30.1914, 29.8579

Monochromacy



Original Color

27.8714, 30.4389, 20.6260

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9539, 29.8518, 27.5812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8714, 30.4389, 20.6260 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(156, 151, 115)` looks like.

```
.text, #text, p{  
    color:rgb(156, 151, 115)  
}
```

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(156, 151, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 151, 115) }
```

Border

The CSS property to change the border of an element to XYZ 27.8714, 30.4389, 20.6260 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(156, 151, 115) }
```


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

```
.border{ border-color:rgb(156, 151, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 151, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 151, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 151, 115);  
box-shadow:4px 4px 4px 4px rgb(156, 151,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8714, 30.4389, 20.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 151, 115) }
```

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

```
.background{ background-color: rgb(156,  
151, 115) }
```

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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