

Converting Colors

XYZ(27.8335, 29.0087, 20.9619)

Have a look what the booklet for
XYZ(27.8335, 29.0087, 20.9619)
contains.

XYZ(27.8335, 29.0087, 20.9619)	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(27.8335, 29.0087,
20.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	A09175
RGB	160, 145, 117
RGB Percent	63%, 57%, 46%
CMY	0.3725, 0.4314, 0.5412
CMYK	0.00, 0.09, 0.27, 0.37
HSL	39°, 18%, 54%
HSV	39°, 27%, 63%
XYZ	27.8335, 29.0087, 20.9619
YIQ	146.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

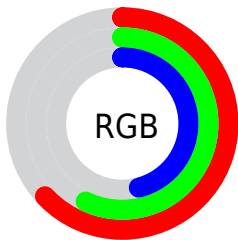
Format	Color
R_{YB}	140, 160, 117
Decimal	10522997
CIE _{Lab}	60.79, 1.04, 16.91
CIE _{LCh}	61, 16.944, 86.469
Yxy	29.0087, 0.3577, 0.3728
Android (android.graphics.Color)	4288713077 (0xFFA09175)
YUV	146.2930, -14.4414, 12.0210
Hunter-Lab	53.8597, -2.0097, 14.6265

Details

The XYZ color **27.8335, 29.0087, 20.9619** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.9325, 22.8220, 36.5070**, and the grayscale version is **27.4947, 28.9266, 31.5011**.

A 20% lighter version of the original color is **55.6092, 58.1585, 45.8309**, and **11.3507, 11.8022, 7.3100** is the 20% darker color. If you saturate the color by 10%, you get **26.1404, 27.0014, 16.1463**, and if you desaturate by 10%, it is **29.7308, 31.1667, 26.6396**.

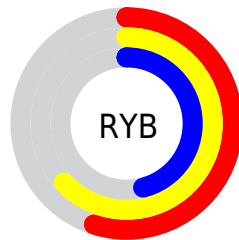
Distribution



Red (63%)

Green (57%)

Blue (46%)



Red (55%)

Yellow (63%)

Blue (46%)

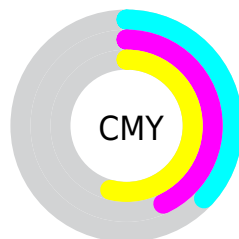


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8335, 29.0087, 20.9619 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 27.8335, 29.0087, 20.9619 by changing the saturation by 10% instead.

■ 27.8335, 29.0087,
20.9619

■ 27.8335, 29.0087,
20.9619

283.7650,
297.2560, 269.8503

■ 18.3400, 19.0874,
12.9052

■ 55.6290, 58.0909,
45.9041

■ 11.2955, 11.7334,
7.2333

■ 74.6617, 78.0206,
63.6266

■ 6.3347, 6.5624,
3.5278

■ 97.6049, 102.0552,
85.4082

■ 3.0923, 3.1900,
1.3700

124.8239,
130.5792, 111.6673

■ 1.2027, 1.2317,
0.1182

156.6840,
163.9768, 142.8226

■ 0.1085, 0.0874,
0.0000

193.5507,

■ 0.0000, 0.0000,

202.6326, 179.2925

0.0000

235.7892,
246.9308, 221.4955

■ 27.8335, 29.0087,
20.9619

■ 27.8335, 29.0087,
20.9619

■ 26.1404, 27.0014,
16.1463

■ 29.7308, 31.1667,
26.6396

■ 24.6405, 25.1365,
12.1477

■ 31.8383, 33.4757,
33.2178

■ 23.3251, 23.4104,
8.9197

■ 34.1643, 35.9411,
40.7347

■ 22.1836, 21.8181,
6.4104

■ 36.7162, 38.5665,
49.2258

■ 21.2045, 20.3538,
4.5614

■ 39.5009, 41.3556,
58.7248

■ 20.3743, 19.0110,
3.3052

■ 42.5249, 44.3120,
69.2636

■ 19.6728, 17.7808,
2.5388

■ 45.7945, 47.4390,
80.8730

■ 19.4676, 17.4142,
2.3352

■ 49.3158, 50.7399,
93.5821

■ 52.1131, 53.8252,
102.2504

Harmonies

Analogous

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



29.9777, 29.0087, 22.5167



27.8335, 29.0087, 20.9619



25.7273, 29.0087, 21.9260

Triad

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



27.8335, 29.0087, 20.9619



23.9524, 29.0087, 37.3049



31.2544, 29.0087, 38.7690

Complementary

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



27.8335, 29.0087, 20.9619



21.9325, 22.8220, 36.5070

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.



29.5026, 29.0087, 43.7325



27.8335, 29.0087, 20.9619



25.2984, 29.0087, 42.8112

Square

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



27.8335, 29.0087, 20.9619



23.5578, 29.0087, 30.8446



27.3119, 29.0087, 45.3014



32.0179, 29.0087, 32.3383

Rectangle

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



27.8335, 29.0087, 20.9619



24.6145, 29.0087, 23.9478



27.3119, 29.0087, 45.3014



30.7572, 29.0087, 40.6958

Sweetspot

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



27.8343, 29.0100, 20.9625



57.2973, 60.2298, 58.6912



25.0271, 21.8639, 24.7492



12.4420, 13.0746, 12.4799



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.



27.8343, 29.0100, 20.9625



48.7286, 50.5468, 32.8535



29.0229, 33.2521, 21.7187



6.9753, 7.3306, 7.0330



15.2072, 13.6499, 1.8332



0.3101, 0.3204, 0.0455

Inverse Universe

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



21.9325, 22.8220, 36.5070



36.2585, 37.4757, 65.7090



20.9397, 19.5053, 35.9192



6.4645, 6.7948, 8.3775



6.0750, 4.2415, 26.4057



0.1463, 0.1512, 0.4847

Previews

White Background



This preview shows how the XYZ color 27.8335, 29.0087, 20.9619 looks on a white background.

Color Contrast Check

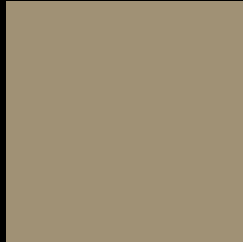
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8335, 29.0087, 20.9619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

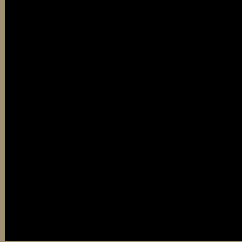
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8335, 29.0087, 20.9619

Background



This preview shows how black text looks on a background with the XYZ color 27.8335, 29.0087, 20.9619.

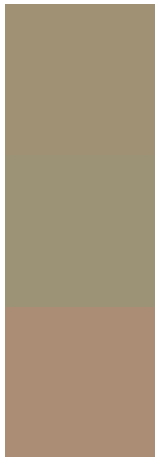


This preview shows how white text looks on a background with the XYZ color 27.8335, 29.0087,

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

27.8335, 29.0087, 20.9619

Protanopia

27.2592, 28.9337, 21.2876

Deuteranopia

29.5895, 29.0157, 21.1806



Tritanopia

30.2738, 28.8830, 33.2575

Trichromacy



Original Color

27.8335, 29.0087, 20.9619

Protanomaly

27.4535, 29.0339, 21.2967

Deuteranomaly

28.8794, 28.8695, 21.1898

Tritanomaly

29.4375, 28.9966, 28.4715

Monochromacy



Original Color

27.8335, 29.0087, 20.9619

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4146, 28.8863, 27.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8335, 29.0087, 20.9619 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(160, 145, 117)` looks like.

```
.text, #text, p{  
    color:rgb(160, 145, 117)  
}
```

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(160, 145, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 145, 117) }
```

Border

The CSS property to change the border of an element to XYZ 27.8335, 29.0087, 20.9619 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(160, 145, 117) }
```


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

```
.border{ border-color:rgb(160, 145, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 145, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 145, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 145, 117);  
box-shadow:4px 4px 4px 4px rgb(160, 145,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8335, 29.0087, 20.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 145, 117) }
```

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

```
.background{ background-color: rgb(160,  
145, 117) }
```

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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