

Converting Colors

XYZ(27.4662, 27.6893, 21.6662)

Have a look what the booklet for
XYZ(27.4662, 27.6893, 21.6662)
contains.

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Color

**XYZ(27.4662, 27.6893,
21.6662)**

Conversions

Conversions Part 1

Format	Color
Hex	A18C78
RGB	161, 140, 120
RGB Percent	63%, 55%, 47%
CMY	0.3686, 0.4510, 0.5294
CMYK	0.00, 0.13, 0.25, 0.37
HSL	29°, 18%, 55%
HSV	29°, 25%, 63%
XYZ	27.4662, 27.6893, 21.6662
YIQ	143.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

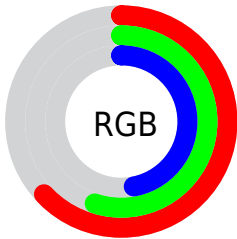
Format	Color
RYB	161, 159, 120
Decimal	10587256
CIELab	59.61, 4.67, 13.59
CIELCh	60, 14.375, 71.031
Yxy	27.6893, 0.3575, 0.3604
Android (android.graphics.Color)	4288777336 (0xFFA18C78)
YUV	143.9990, -11.8315, 14.9099
Hunter-Lab	52.6206, 1.0849, 12.4222

Details

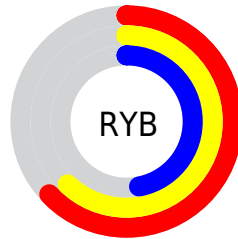
The XYZ color **27.4662, 27.6893, 21.6662** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7034, 25.6153, 37.4133**, and the grayscale version is **26.5502, 27.9329, 30.4190**.

A 20% lighter version of the original color is **55.0571, 56.1611, 46.9681**, and **11.1002, 11.0185, 7.5030** is the 20% darker color. If you saturate the color by 10%, you get **25.4103, 25.0118, 16.5588**, and if you desaturate by 10%, it is **29.7782, 30.6156, 27.6702**.

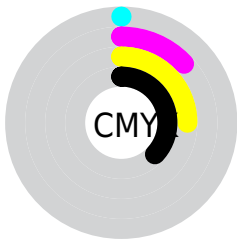
Distribution



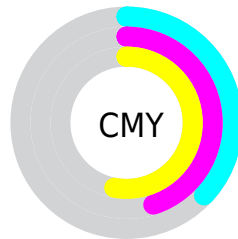
- Red (63%)
- Green (55%)
- Blue (47%)



- Red (63%)
- Yellow (62%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4662, 27.6893, 21.6662 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 27.4662, 27.6893, 21.6662 by changing the saturation by 10% instead.

■ 27.4662, 27.6893,
21.6662

■ 27.4662, 27.6893,
21.6662

282.0339,
290.9793, 273.6945

■ 18.0621, 18.0916,
13.4159

■ 55.0457, 55.9880,
47.0888

■ 11.0945, 11.0158,
7.5815

■ 73.9518, 75.4578,
65.0981

■ 6.1982, 6.0774,
3.7444

■ 96.7558, 98.9870,
87.1975

■ 3.0078, 2.8922,
1.4862

123.8233,
126.9602, 113.8055

■ 1.1579, 1.0757,
0.2076

155.5195,
159.7616, 145.3407

■ 0.0727, 0.0000,
0.0000

192.2097,

■ 0.0000, 0.0000,

197.7756, 182.2215

0.0000

234.2594,
241.3867, 224.8666

■ 27.4662, 27.6893,
21.6662

■ 27.4662, 27.6893,
21.6662

■ 25.4103, 25.0118,
16.5588

■ 29.7782, 30.6156,
27.6702

■ 23.5981, 22.5722,
12.3025

■ 32.3536, 33.7938,
34.6098

■ 22.0194, 20.3640,
8.8500

■ 35.2021, 37.2318,
42.5242

■ 20.6623, 18.3791,
6.1489

■ 38.3324, 40.9358,
51.4493

■ 19.5135, 16.6088,
4.1406

■ 41.7526, 44.9118,
61.4195

■ 18.5581, 15.0433,
2.7574

■ 45.4704, 49.1657,
72.4674

■ 17.7771, 13.6713,
1.9115

■ 49.4934, 53.7032,
84.6244

■ 17.4617, 13.1044,
1.6091

■ 53.8287, 58.5297,
97.9205

■ 56.8476, 62.9963,
103.7711

Harmonies

Analogous

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



29.0333, 27.6893, 24.0640



27.4662, 27.6893, 21.6662



25.6571, 27.6893, 21.3807

Triad

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



27.4662, 27.6893, 21.6662



23.0455, 27.6893, 32.0978



28.6709, 27.6893, 38.3160

Complementary

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



27.4662, 27.6893, 21.6662



23.7034, 25.6153, 37.4133

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.



26.9898, 27.6893, 41.0363



27.4662, 27.6893, 21.6662



23.7772, 27.6893, 37.1818

Square

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



27.4662, 27.6893, 21.6662



23.1599, 27.6893, 27.0217



25.2020, 27.6893, 40.5989



29.7506, 27.6893, 33.5086

Rectangle

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



27.4662, 27.6893, 21.6662



24.5631, 27.6893, 22.3846



25.2020, 27.6893, 40.5989



28.1542, 27.6893, 39.5284

Sweetspot

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



27.4669, 27.6906, 21.6668



56.6565, 58.9482, 58.4776



26.2360, 22.9389, 28.3160



12.2780, 12.7468, 12.4253



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.



27.4669, 27.6906, 21.6668



46.8848, 46.6052, 33.0221



30.7141, 34.1849, 22.7492



7.3457, 7.6297, 7.4656



13.9866, 10.5472, 1.2986



0.3412, 0.3162, 0.0431

Inverse Universe

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



23.7034, 25.6153, 37.4133



38.8875, 42.1950, 66.4814



20.9780, 20.1645, 36.5049



6.9863, 7.4316, 8.9693



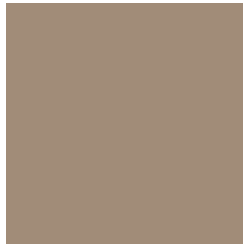
7.6158, 7.0111, 27.8817



0.2072, 0.2416, 0.6016

Previews

White Background



This preview shows how the XYZ color 27.4662, 27.6893, 21.6662 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 27.4662, 27.6893, 21.6662 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 27.4662, 27.6893, 21.6662

Background



This preview shows how black text looks on a background with the XYZ color 27.4662, 27.6893, 21.6662.



This preview shows how white text looks on a background with the XYZ color 27.4662, 27.6893,

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

27.4662, 27.6893, 21.6662

Protanopia

26.0978, 27.6294, 22.3699

Deuteranopia

28.2045, 27.6400, 21.6178



Tritanopia

29.3805, 27.6074, 31.3840

Trichromacy



Original Color

27.4662, 27.6893, 21.6662

Protanomaly

26.6418, 27.6950, 22.0307

Deuteranomaly

27.9326, 27.7138, 21.6464

Tritanomaly

28.5653, 27.4840, 27.4663

Monochromacy



Original Color

27.4662, 27.6893, 21.6662

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7733, 27.8782, 26.8916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4662, 27.6893, 21.6662 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, 140, 120)` looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 120)  
}
```

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, 140, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.4662, 27.6893, 21.6662 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, 140, 120) }
```


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

```
.border{ border-color:rgb(161, 140, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 140, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 120);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4662, 27.6893, 21.6662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 120) }
```

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

```
.background{ background-color: rgb(161,  
140, 120) }
```

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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