

Converting Colors

XYZ(27.7706, 32.6543, 31.2248)

Have a look what the booklet for
XYZ(27.7706, 32.6543, 31.2248)
contains.

XYZ(27.7706, 32.6543, 31.2248)	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(27.7706, 32.6543,
31.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	87A190
RGB	135, 161, 144
RGB Percent	53%, 63%, 56%
CMY	0.4706, 0.3686, 0.4353
CMYK	0.16, 0.00, 0.11, 0.37
HSL	141°, 12%, 58%
HSV	141°, 16%, 63%
XYZ	27.7706, 32.6543, 31.2248
YIQ	151.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

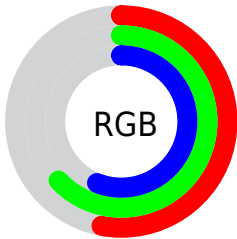
Format	Color
RYB	135, 154, 161
Decimal	8888720
CIELab	63.88, -12.53, 5.83
CIELCh	64, 13.821, 155.028
Yxy	32.6543, 0.3030, 0.3563
Android (android.graphics.Color)	4287078800 (0xFF87A190)
YUV	151.2880, -3.5930, -14.2846
Hunter-Lab	57.1439, -13.2551, 7.6033

Details

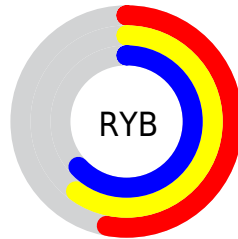
The XYZ color **27.7706, 32.6543, 31.2248** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0306, 27.1728, 33.4221**, and the grayscale version is **29.5575, 31.0968, 33.8644**.

A 20% lighter version of the original color is **55.4879, 63.8803, 62.8317**, and **11.2353, 13.6767, 12.6374** is the 20% darker color. If you saturate the color by 10%, you get **24.6061, 31.1125, 27.0707**, and if you desaturate by 10%, it is **31.4037, 34.4308, 35.7940**.

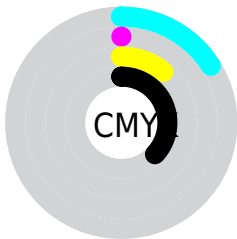
Distribution



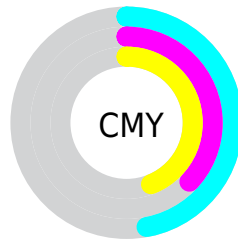
- Red (53%)
- Green (63%)
- Blue (56%)



- Red (53%)
- Yellow (60%)
- Blue (63%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)



- Cyan (47%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7706, 32.6543, 31.2248 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 27.7706, 32.6543, 31.2248 by changing the saturation by 10% instead.

■ 27.7706, 32.6543,
31.2248

■ 27.7706, 32.6543,
31.2248

283.4691,
314.0891, 321.9558

■ 18.2924, 21.8618,
20.5102

■ 55.5292, 63.8354,
62.6775

■ 11.2611, 13.7553,
12.5787

■ 74.5403, 84.9928,
84.2528

■ 6.3113, 7.9507,
7.0118

■ 97.4597, 110.3739,
110.2852

■ 3.0777, 4.0634,
3.3909

124.6528,
140.3631, 141.1936

■ 1.1950, 1.7091,
1.2975

156.4849,
175.3448, 177.3962

■ 0.1024, 0.4295,
0.0598

193.3214,

■ 0.0000, 0.0000,

215.7035, 219.3118

0.0000

235.5277,
261.8234, 267.3588

■ 27.7706, 32.6543,
31.2248

■ 27.7706, 32.6543,
31.2248

■ 24.6061, 31.1125,
27.0707

■ 31.4037, 34.4308,
35.7940

■ 21.8879, 29.7915,
23.3179

■ 35.5212, 36.4472,
40.7871

■ 19.5960, 28.6821,
19.9550

■ 40.1413, 38.7136,
46.2157

■ 17.7076, 27.7727,
16.9694

■ 45.2805, 41.2382,
52.0899

■ 16.1978, 27.0508,
14.3475

■ 50.9545, 44.0291,
58.4198

■ 15.0387, 26.5023,
12.0751

■ 57.1785, 47.0937,
65.2149

■ 14.1983, 26.1111,
10.1371

■ 63.9669, 50.4394,
72.4847

■ 13.6329, 25.8550,
8.5166

■ 68.0200, 52.3648,
80.0830

■ 13.4527, 25.7739,
7.9724

■ 69.5286, 52.9683,
88.0271

Harmonies

Analogous

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



28.9407, 32.6543, 27.4904



27.7706, 32.6543, 31.2248



27.4607, 32.6543, 36.5014

Triad

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



27.7706, 32.6543, 31.2248



31.3657, 32.6543, 47.3192



34.1992, 32.6543, 29.7582

Complementary

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



27.7706, 32.6543, 31.2248



29.0306, 27.1728, 33.4221

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.



34.9109, 32.6543, 34.6250



27.7706, 32.6543, 31.2248



33.2320, 32.6543, 45.0602

Square

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



27.7706, 32.6543, 31.2248



29.4856, 32.6543, 46.1678



34.5498, 32.6543, 40.2681



32.6417, 32.6543, 26.7076

Rectangle

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



27.7706, 32.6543, 31.2248



27.7720, 32.6543, 40.2784



34.5498, 32.6543, 40.2681



34.5482, 32.6543, 31.2160

Sweetspot

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



27.7715, 32.6557, 31.2255



56.9760, 62.0204, 65.0092



30.1307, 33.9482, 27.8867



12.3948, 13.5526, 14.1333



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.



27.7715, 32.6557, 31.2255



47.8269, 57.5501, 53.4540



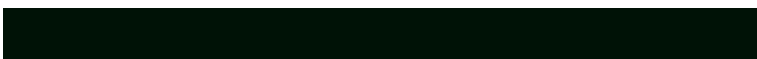
28.7950, 33.0651, 36.6153



7.0820, 7.9336, 8.0438



10.7614, 20.5909, 6.4600



0.2477, 0.4413, 0.2495

Inverse Universe

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



29.0306, 27.1728, 33.4221



50.4697, 46.0400, 58.0633



28.0475, 26.7796, 28.2453



7.2597, 7.1603, 8.3538



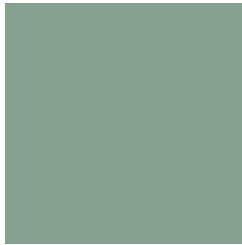
13.8062, 6.8786, 11.4362



0.3110, 0.1529, 0.3505

Previews

White Background



This preview shows how the XYZ color 27.7706, 32.6543, 31.2248 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 27.7706, 32.6543, 31.2248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

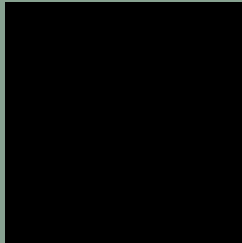
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

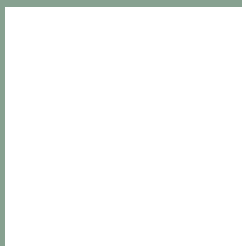
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7706, 32.6543, 31.2248

Background



This preview shows how black text looks on a background with the XYZ color 27.7706, 32.6543, 31.2248.



This preview shows how white text looks on a background with the XYZ color 27.7706, 32.6543,

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

27.7706, 32.6543, 31.2248

Protanopia

30.9872, 32.5817, 29.4666

Deuteranopia

32.9490, 32.3409, 31.6999



Tritanopia

29.9601, 32.5052, 42.7253

Trichromacy



Original Color

27.7706, 32.6543, 31.2248

Protanomaly

29.8136, 32.7124, 29.9421

Deuteranomaly

30.8001, 32.1977, 31.3795

Tritanomaly

29.1411, 32.4302, 38.4420

Monochromacy



Original Color

27.7706, 32.6543, 31.2248

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7437, 31.6006, 32.6015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7706, 32.6543, 31.2248 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(135, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 144)  
}
```

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(135, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.7706, 32.6543, 31.2248 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(135, 161, 144) }
```


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

```
.border{ border-color:rgb(135, 161, 144) }
```

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

Here you see how a box with a 4 pixel rgb(135, 161, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 161, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 161, 144);  
box-shadow:4px 4px 4px 4px rgb(135, 161,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7706, 32.6543, 31.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 161, 144) }
```

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

```
.background{ background-color: rgb(135,  
161, 144) }
```

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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