

Converting Colors

XYZ(24.1831, 27.1476, 20.6990)

Have a look what the booklet for
XYZ(24.1831, 27.1476, 20.6990)
contains.

XYZ(24.1515, 27.1106, 20.7896)	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(24.1515, 27.1106,
20.7896)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9175
RGB	140, 145, 117
RGB Percent	55%, 57%, 46%
CMY	0.4510, 0.4314, 0.5412
CMYK	0.03, 0.00, 0.19, 0.43
HSL	71°, 11%, 51%
HSV	71°, 19%, 57%
XYZ	24.1515, 27.1106, 20.7896
YIQ	140.3130, 6.0080, -9.7680

Conversions

Conversions Part 2

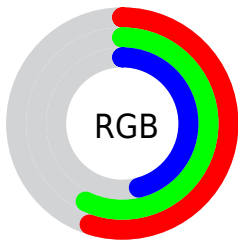
Format	Color
R_{YB}	117, 145, 122
Decimal	9212277
CIE _{Lab}	59.08, -6.91, 14.28
CIE _{LCh}	59, 15.862, 115.837
Yxy	27.1106, 0.3352, 0.3763
Android (android.graphics.Color)	4287402357 (0xFF8C9175)
YUV	140.3130, -11.4933, -0.2745
Hunter-Lab	52.0678, -8.3221, 12.7742

Details

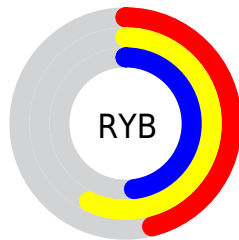
The XYZ color **24.1515, 27.1106, 20.7896** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4993, 18.9053, 29.4109**, and the grayscale version is **25.0913, 26.3980, 28.7474**.

A 20% lighter version of the original color is **49.8330, 55.1808, 45.5606**, and **9.3828, 10.7877, 7.2179** is the 20% darker color. If you saturate the color by 10%, you get **22.9330, 26.5743, 16.6217**, and if you desaturate by 10%, it is **25.5138, 27.7075, 25.6548**.

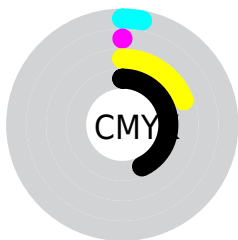
Distribution



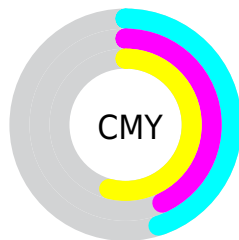
- Red (55%)
- Green (57%)
- Blue (46%)



- Red (46%)
- Yellow (57%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1515, 27.1106, 20.7896 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 24.1515, 27.1106, 20.7896 by changing the saturation by 10% instead.

■ 24.1515, 27.1106,
20.7896

■ 24.1515, 27.1106,
20.7896

266.0118,
288.1922, 268.9024

■ 15.5714, 17.6563,
12.7805

■ 49.7302, 55.0613,
45.6133

■ 9.3103, 10.7035,
7.1487

■ 67.4595, 74.3265,
63.2651

■ 5.0028, 5.8678,
3.4754

■ 88.9692, 97.6308,
84.9682

■ 2.2837, 2.7649,
1.3422

114.6247,
125.3585, 111.1412

■ 0.7863, 1.0103,
0.0960

144.7914,
157.8941, 142.2025

■ 0.0000, 0.0000,
0.0000

179.8345,

195.6220, 178.5708

220.1196,
238.9266, 220.6646

■ 24.1515, 27.1106,
20.7896

■ 24.1515, 27.1106,
20.7896

■ 22.9330, 26.5743,
16.6217

■ 25.5138, 27.7075,
25.6548

■ 21.8500, 26.0924,
13.1174

■ 27.0236, 28.3636,
31.2454

■ 20.8966, 25.6636,
10.2428

■ 28.6869, 29.0823,
37.5901

■ 20.0657, 25.2849,
7.9605

■ 30.5088, 29.8658,
44.7156

■ 19.3493, 24.9531,
6.2290

■ 32.4943, 30.7158,
52.6471

■ 18.7385, 24.6648,
5.0014

■ 34.6479, 31.6344,
61.4089

■ 18.2227, 24.4156,
4.2230

■ 36.9743, 32.6232,
71.0241

■ 17.7768, 24.1955,
3.7619

■ 39.4775, 33.6841,
81.5150

■ 17.7468, 24.1806,
3.7320

■ 42.1619, 34.8186,
92.9030

Harmonies

Analogous

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



26.0438, 27.1106, 19.9647



24.1515, 27.1106, 20.7896



22.7580, 27.1106, 23.8349

Triad

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



24.1515, 27.1106, 20.7896



23.6981, 27.1106, 39.4391



29.7346, 27.1106, 30.3136

Complementary

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



24.1515, 27.1106, 20.7896



19.4993, 18.9053, 29.4109

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.



29.0319, 27.1106, 36.0414



24.1515, 27.1106, 20.7896



25.4937, 27.1106, 41.7184

Square

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



24.1515, 27.1106, 20.7896



22.5058, 27.1106, 34.5052



27.4547, 27.1106, 40.4024



29.3308, 27.1106, 25.0376

Rectangle

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



24.1515, 27.1106, 20.7896



22.2658, 27.1106, 26.9425



27.4547, 27.1106, 40.4024



29.6191, 27.1106, 32.2544

Sweetspot

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



24.1522, 27.1118, 20.7902



46.5213, 49.9798, 48.9879



21.8076, 21.1422, 19.7615



10.3162, 11.1042, 10.7769



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.1522, 27.1118, 20.7902



42.3103, 48.1370, 33.9705



21.9907, 25.9975, 20.6890



5.7464, 6.2374, 5.7904



15.2408, 20.7495, 3.2018



0.1617, 0.2066, 0.0314

Inverse Universe

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



19.4993, 18.9053, 29.4109



32.4709, 30.7809, 52.2035



21.5723, 19.9740, 29.5079



5.2139, 5.2985, 6.7767



4.7640, 1.9495, 23.1023



0.0590, 0.0256, 0.2215

Previews

White Background



This preview shows how the XYZ color 24.1515, 27.1106, 20.7896 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 24.1515, 27.1106, 20.7896 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

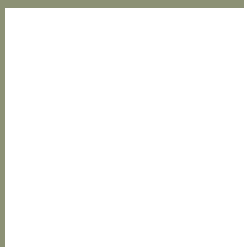
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1515, 27.1106, 20.7896

Background



This preview shows how black text looks on a background with the XYZ color 24.1515, 27.1106, 20.7896.



This preview shows how white text looks on a background with the XYZ color 24.1515, 27.1106,

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

24.1515, 27.1106, 20.7896

Protanopia

25.5300, 27.1631, 20.1171

Deuteranopia

27.5853, 27.1157, 21.2327



Tritanopia

26.6411, 27.0103, 33.0875

Trichromacy



Original Color

24.1515, 27.1106, 20.7896

Protanomaly

25.0075, 27.1089, 20.4375

Deuteranomaly

26.1657, 27.0327, 20.9783

Tritanomaly

25.6609, 27.0497, 28.2947

Monochromacy



Original Color

24.1515, 27.1106, 20.7896

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6531, 26.5874, 25.6623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1515, 27.1106, 20.7896 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(140, 145, 117)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 145, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 145, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.1515, 27.1106, 20.7896 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(140, 145, 117) }
```


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

```
.border{ border-color:rgb(140, 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(140, 145, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 145, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 145, 117);  
box-shadow:4px 4px 4px 4px rgb(140, 145,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1515, 27.1106, 20.7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 145, 117) }
```

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

```
.background{ background-color: rgb(140,  
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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