

Converting Colors

XYZ(28.0238, 24.0020, 20.8763)

Have a look what the booklet for
XYZ(28.0238, 24.0020, 20.8763)
contains.

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Color

**XYZ(28.0111, 24.0191,
20.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	B07878
RGB	176, 120, 120
RGB Percent	69%, 47%, 47%
CMY	0.3098, 0.5294, 0.5294
CMYK	0.00, 0.32, 0.32, 0.31
HSL	0°, 26%, 58%
HSV	0°, 32%, 69%
XYZ	28.0111, 24.0191, 20.9291
YIQ	136.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

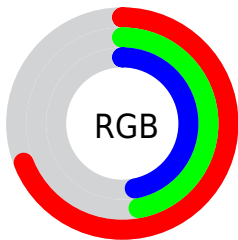
Format	Color
R_{YB}	176, 120, 120
Decimal	11565176
CIE _{Lab}	56.11, 21.93, 8.90
CIE _{LCh}	56, 23.668, 22.086
Yxy	24.0191, 0.3839, 0.3292
Android (android.graphics.Color)	4289755256 (0xFFB07878)
YUV	136.7440, -8.2548, 34.4275
Hunter-Lab	49.0093, 16.2549, 8.9871

Details

The XYZ color **28.0111, 24.0191, 20.9291** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.1069, 38.1769, 46.8037**, and the grayscale version is **23.7031, 24.9375, 27.1570**.

A 20% lighter version of the original color is **55.9942, 50.1893, 45.7660**, and **11.4490, 9.1119, 7.2862** is the 20% darker color. If you saturate the color by 10%, you get **25.1141, 19.7801, 15.1692**, and if you desaturate by 10%, it is **31.4948, 29.1169, 27.8537**.

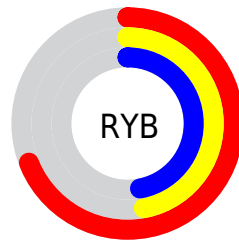
Distribution



Red (69%)

Green (47%)

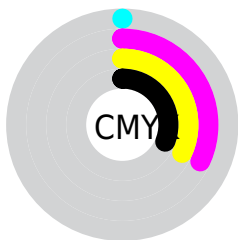
Blue (47%)



Red (69%)

Yellow (47%)

Blue (47%)

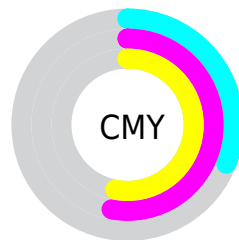


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (31%)



Cyan (31%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0111, 24.0191, 20.9291 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 28.0111, 24.0191, 20.9291 by changing the saturation by 10% instead.


 28.0111, 24.0191,
20.9291


 28.0111, 24.0191,
20.9291

284.5991,
272.9170, 269.6701


 18.4745, 15.3478,
12.8814


 55.9107, 50.0614,
45.8488

 11.3930, 9.0638,
7.2172


 75.0044, 68.2011,
63.5579

 6.4010, 4.7828,
3.5178


 98.0145, 90.2658,
85.3245

 3.1334, 2.1204,
1.3647

125.3065,
116.6398, 111.5673

 1.2247, 0.6761,
0.1140

157.2455,
147.7075, 142.7047

 0.1257, 0.0000,
0.0000

194.1971,

 0.0000, 0.0000,

183.8534, 179.1553

0.0000

236.5265,
225.4618, 221.3376

■ 28.0111, 24.0191,
20.9291

■ 28.0111, 24.0191,
20.9291

■ 25.1141, 19.7801,
15.1692

■ 31.4948, 29.1169,
27.8537

■ 22.7696, 16.3495,
10.5086

■ 35.5928, 35.1135,
36.0005

■ 20.9432, 13.6769,
6.8779

■ 40.3335, 42.0505,
45.4250

■ 19.5956, 11.7049,
4.1991

■ 45.7429, 49.9658,
56.1787

■ 18.6820, 10.3680,
2.3831

■ 51.8453, 58.8954,
68.3105

■ 18.1491, 9.5882,
1.3240

■ 58.6643, 68.8733,
81.8667

■ 17.9046, 9.2304,
0.8380

■ 66.2219, 79.9321,
96.8914

■ 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



28.3945, 24.0191, 28.2636



28.0111, 24.0191, 20.9291



26.1864, 24.0191, 16.0502

Triad

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



28.0111, 24.0191, 20.9291



18.9571, 24.0191, 18.0064



22.1188, 24.0191, 43.9117

Complementary

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



28.0111, 24.0191, 20.9291



31.1069, 38.1769, 46.8037

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.



19.7723, 24.0191, 39.7949



28.0111, 24.0191, 20.9291



18.0436, 24.0191, 24.1496

Square

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



28.0111, 24.0191, 20.9291



20.9241, 24.0191, 14.6103



18.3298, 24.0191, 32.1803



24.8471, 24.0191, 42.5781

Rectangle

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



28.0111, 24.0191, 20.9291



24.4715, 24.0191, 14.3595



18.3298, 24.0191, 32.1803



21.2625, 24.0191, 43.0948

Sweetspot

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



28.0117, 24.0202, 20.9296



65.8847, 65.6320, 67.9392



32.4575, 25.7979, 44.3431



14.0372, 13.8708, 14.2443



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.0117, 24.0202, 20.9296



47.0942, 38.1362, 30.5844



31.8847, 31.7661, 22.2206



8.4964, 8.5054, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



31.1069, 38.1769, 46.8037



53.5742, 67.7741, 84.7533



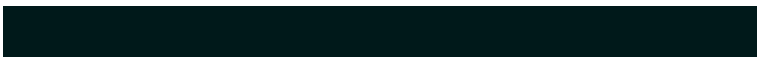
26.1723, 28.3077, 45.1588



8.7426, 9.6315, 10.9046



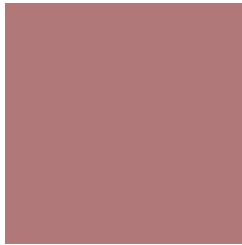
17.1393, 25.0790, 34.0744



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 28.0111, 24.0191, 20.9291 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 28.0111, 24.0191, 20.9291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

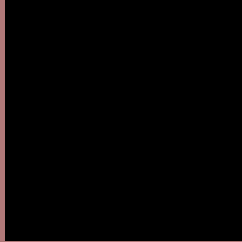
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0111, 24.0191, 20.9291

Background



This preview shows how black text looks on a background with the XYZ color 28.0111, 24.0191, 20.9291.



This preview shows how white text looks on a background with the XYZ color 28.0111, 24.0191,

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

28.0111, 24.0191, 20.9291

Protanopia

23.0688, 24.0977, 23.8575

Deuteranopia

24.5791, 24.1433, 20.5042



Tritanopia

28.6246, 24.0993, 23.5650

Trichromacy



Original Color

28.0111, 24.0191, 20.9291

Protanomaly

24.5008, 23.8566, 22.7155

Deuteranomaly

25.6909, 23.9350, 20.7186

Tritanomaly

28.4300, 24.0214, 22.5402

Monochromacy



Original Color

28.0111, 24.0191, 20.9291

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9755, 24.4506, 24.8758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0111, 24.0191, 20.9291 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(176, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(176, 120, 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(176, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 28.0111, 24.0191, 20.9291 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(176, 120, 120) }
```


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

```
.border{ border-color:rgb(176, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 120, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 120, 120); box-shadow:4px 4px 4px 4px rgb(176, 120, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0111, 24.0191, 20.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 120, 120) }
```

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

```
.background{ background-color: rgb(176,  
120, 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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