

Converting Colors

XYZ(28.4320, 29.0295, 24.1539)

Have a look what the booklet for
XYZ(28.4320, 29.0295, 24.1539)
contains.

XYZ(28.5020, 29.0559, 24.1848)	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(28.5020, 29.0559,
24.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	A1907F
RGB	161, 144, 127
RGB Percent	63%, 56%, 50%
CMY	0.3686, 0.4353, 0.5020
CMYK	0.00, 0.11, 0.21, 0.37
HSL	30°, 15%, 56%
HSV	30°, 21%, 63%
XYZ	28.5020, 29.0559, 24.1848
YIQ	147.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

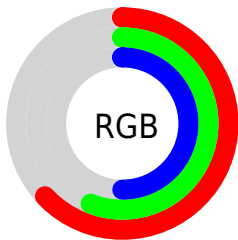
Format	Color
R_{YB}	161, 161, 127
Decimal	10588287
CIE _{Lab}	60.83, 3.50, 11.34
CIE _{LCh}	61, 11.873, 72.848
Yxy	29.0559, 0.3487, 0.3555
Android (android.graphics.Color)	4288778367 (0xFFA1907F)
YUV	147.1450, -9.9315, 12.1508
Hunter-Lab	53.9035, 0.0524, 11.1309

Details

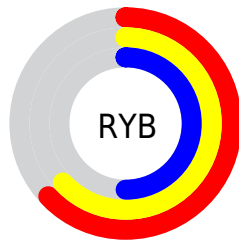
The XYZ color **28.5020, 29.0559, 24.1848** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1586, 27.0312, 37.6100**, and the grayscale version is **27.8291, 29.2784, 31.8841**.

A 20% lighter version of the original color is **56.7512, 58.2824, 51.4385**, and **11.6845, 11.8067, 8.8708** is the 20% darker color. If you saturate the color by 10%, you get **26.3598, 26.3184, 18.7010**, and if you desaturate by 10%, it is **30.9004, 32.0369, 30.5819**.

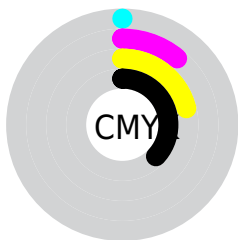
Distribution



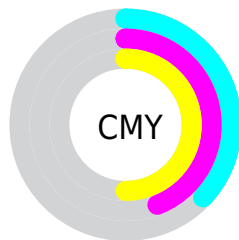
- Red (63%)
- Green (56%)
- Blue (50%)



- Red (63%)
- Yellow (63%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (37%)



- Cyan (37%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5020, 29.0559, 24.1848 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 28.5020, 29.0559, 24.1848 by changing the saturation by 10% instead.

■ 28.5020, 29.0559,
24.1848

■ 28.5020, 29.0559,
24.1848

286.8947,
297.4786, 287.0700

■ 18.8468, 19.1231,
15.2573

■ 56.6880, 58.1659,
51.2792

■ 11.6630, 11.7593,
8.8515

■ 75.9495, 78.1119,
70.2832

■ 6.5852, 6.5800,
4.5490

■ 99.1437, 102.1644,
93.4831

■ 3.2481, 3.2008,
1.9311

126.6362,
130.7078, 121.2974

■ 1.2863, 1.2375,
0.5124

158.7922,
164.1266, 154.1447

■ 0.1729, 0.0920,
0.0000

195.9770,

■ 0.0000, 0.0000,

202.8050, 192.4436

0.0000

238.5561,
247.1276, 236.6125

■ 28.5020, 29.0559,
24.1848

■ 28.5020, 29.0559,
24.1848

■ 26.3598, 26.3184,
18.7010

■ 30.9004, 32.0369,
30.5819

■ 24.4616, 23.8138,
14.0864

■ 33.5619, 35.2640,
37.9303

■ 22.7979, 21.5362,
10.2955

■ 36.4958, 38.7447,
46.2677

■ 21.3574, 19.4780,
7.2783

■ 39.7105, 42.4849,
55.6296

■ 20.1275, 17.6310,
4.9791

■ 43.2138, 46.4903,
66.0493

■ 19.0943, 15.9864,
3.3346

■ 47.0131, 50.7664,
77.5590

■ 18.2416, 14.5341,
2.2702

■ 51.1159, 55.3186,
90.1893

■ 17.6046, 13.3902,
1.6567

■ 55.3997, 60.1004,
103.2884

■ 57.4170, 64.1351,
103.9608

Harmonies

Analogous

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



29.8522, 29.0559, 26.1973



28.5020, 29.0559, 24.1848



26.9615, 29.0559, 24.0468

Triad

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



28.5020, 29.0559, 24.1848



24.8209, 29.0559, 33.5665



29.6864, 29.0559, 38.2925

Complementary

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



28.5020, 29.0559, 24.1848



25.1586, 27.0312, 37.6100

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.



28.2826, 29.0559, 40.6765



28.5020, 29.0559, 24.1848



25.4958, 29.0559, 37.7818

Square

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



28.5020, 29.0559, 24.1848



24.8747, 29.0559, 29.1940



26.7500, 29.0559, 40.4813



30.5533, 29.0559, 34.2125

Rectangle

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



28.5020, 29.0559, 24.1848



26.0367, 29.0559, 25.0150



26.7500, 29.0559, 40.4813



29.2594, 29.0559, 39.3351

Sweetspot

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



28.5028, 29.0572, 24.1854



57.6652, 60.2115, 61.1385



27.3217, 24.7698, 29.7270



12.5846, 13.1298, 13.2370



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.



28.5028, 29.0572, 24.1854



49.3204, 49.8518, 38.8429



31.2739, 34.5994, 25.1091



7.3527, 7.6438, 7.4680



14.1010, 10.7758, 1.3367



0.3435, 0.3209, 0.0438

Inverse Universe

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



25.1586, 27.0312, 37.6100



42.3163, 45.6084, 66.9595



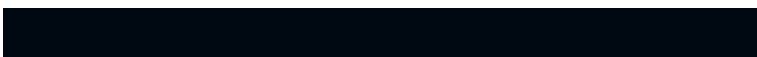
22.7752, 22.2644, 36.8156



6.9793, 7.4176, 8.9670



7.4982, 6.7759, 27.8425



0.2048, 0.2369, 0.6008

Previews

White Background



This preview shows how the XYZ color 28.5020, 29.0559, 24.1848 looks on a white background.

Color Contrast Check

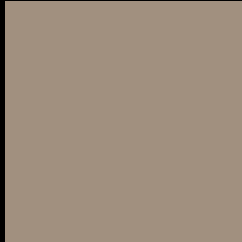
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5020, 29.0559, 24.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

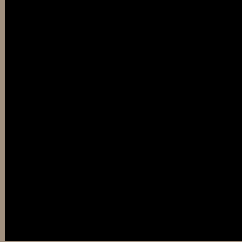
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5020, 29.0559, 24.1848

Background



This preview shows how black text looks on a background with the XYZ color 28.5020, 29.0559, 24.1848.



This preview shows how white text looks on a background with the XYZ color 28.5020, 29.0559,

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

28.5020, 29.0559, 24.1848

Protanopia

27.5016, 28.9863, 24.5675

Deuteranopia

29.5696, 28.9331, 24.4482



Tritanopia

30.2738, 28.8830, 33.2575

Trichromacy



Original Color

28.5020, 29.0559, 24.1848

Protanomaly

27.9263, 28.9774, 24.5434

Deuteranomaly

29.0863, 28.9038, 24.4681

Tritanomaly

29.5116, 28.7893, 29.5926

Monochromacy



Original Color

28.5020, 29.0559, 24.1848

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9614, 29.1266, 28.9592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5020, 29.0559, 24.1848 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, 144, 127)` looks like.

```
.text, #text, p{  
    color:rgb(161, 144, 127)  
}
```

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, 144, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 144, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.5020, 29.0559, 24.1848 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, 144, 127) }
```


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

```
.border{ border-color:rgb(161, 144, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 144, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(161, 144,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5020, 29.0559, 24.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 144, 127) }
```

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

```
.background{ background-color: rgb(161,  
144, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor