

Converting Colors

XYZ(27.3895, 29.5393, 22.1009)

Have a look what the booklet for
XYZ(27.3895, 29.5393, 22.1009)
contains.

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Color

**XYZ(27.3065, 29.4059,
22.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9478
RGB	154, 148, 120
RGB Percent	60%, 58%, 47%
CMY	0.3961, 0.4196, 0.5294
CMYK	0.00, 0.04, 0.22, 0.40
HSL	49°, 14%, 54%
HSV	49°, 22%, 60%
XYZ	27.3065, 29.4059, 22.0060
YIQ	146.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

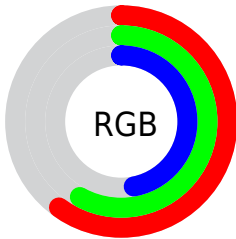
Format	Color
R_{YB}	127, 154, 120
Decimal	10130552
CIE _{Lab}	61.14, -2.57, 15.63
CIE _{LCh}	61, 15.837, 99.337
Yxy	29.4059, 0.3469, 0.3736
Android (android.graphics.Color)	4288320632 (0xFF9A9478)
YUV	146.6020, -13.1148, 6.4880
Hunter-Lab	54.2272, -5.0127, 13.8985

Details

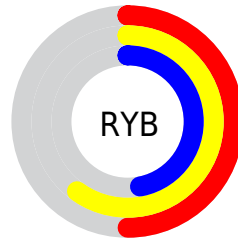
The XYZ color **27.3065, 29.4059, 22.0060** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.0392, 21.2474, 33.5643**, and the grayscale version is **27.6183, 29.0566, 31.6426**.

A 20% lighter version of the original color is **54.8614, 58.7749, 47.4829**, and **11.0055, 11.8879, 7.6758** is the 20% darker color. If you saturate the color by 10%, you get **26.0253, 28.2207, 17.3329**, and if you desaturate by 10%, it is **28.7496, 30.6739, 27.4755**.

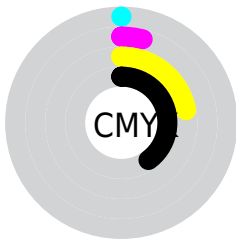
Distribution



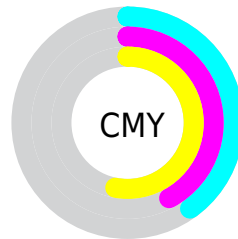
- Red (60%)
- Green (58%)
- Blue (47%)



- Red (50%)
- Yellow (60%)
- Blue (47%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3065, 29.4059, 22.0060 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 27.3065, 29.4059, 22.0060 by changing the saturation by 10% instead.

■ 27.3065, 29.4059,
22.0060

■ 27.3065, 29.4059,
22.0060

281.2787,
299.1253, 275.5321

■ 17.9413, 19.3881,
13.6629

■ 54.7917, 58.7214,
47.6582

■ 11.0073, 11.9510,
7.7506

■ 73.6425, 78.7878,
65.8045

■ 6.1391, 6.7103,
3.8503

■ 96.3858, 102.9726,
88.0556

■ 2.9713, 3.2816,
1.5436

123.3871,
131.6601, 114.8300

■ 1.1386, 1.2805,
0.2501

155.0117,
165.2347, 146.5463

■ 0.0570, 0.1260,
0.0000

191.6249,

■ 0.0000, 0.0000,

204.0809, 183.6231

0.0000

233.5921,
248.5829, 226.4789

■ 27.3065, 29.4059,
22.0060

■ 27.3065, 29.4059,
22.0060

■ 26.0253, 28.2207,
17.3329

■ 28.7496, 30.6739,
27.4755

■ 24.8964, 27.1113,
13.4164

■ 30.3591, 32.0235,
33.7747

■ 23.9128, 26.0758,
10.2163

■ 32.1420, 33.4587,
40.9374

■ 23.0660, 25.1107,
7.6878

■ 34.1044, 34.9820,
48.9950

■ 22.3463, 24.2120,
5.7812

■ 36.2520, 36.5959,
57.9772

■ 21.7430, 23.3753,
4.4396

■ 38.5902, 38.3025,
67.9124

■ 21.2432, 22.5953,
3.5960

■ 41.1243, 40.1040,
78.8278

■ 20.8951, 22.0073,
3.1465

■ 43.8593, 42.0027,
90.7494

■ 46.2146, 43.7663,
100.6197

Harmonies

Analogous

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



29.3825, 29.4059, 22.4642



27.3065, 29.4059, 22.0060



25.4936, 29.4059, 23.9614

Triad

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



27.3065, 29.4059, 22.0060



24.9729, 29.4059, 39.8291



31.8552, 29.4059, 36.2261

Complementary

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



27.3065, 29.4059, 22.0060



21.0392, 21.2474, 33.5643

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.



30.5581, 29.4059, 41.7041



27.3065, 29.4059, 22.0060



26.5637, 29.4059, 43.9566

Square

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



27.3065, 29.4059, 22.0060



24.1909, 29.4059, 33.9097



28.6024, 29.4059, 44.6823



32.0784, 29.4059, 30.1980

Rectangle

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



27.3065, 29.4059, 22.0060



24.6529, 29.4059, 26.5319



28.6024, 29.4059, 44.6823



31.5274, 29.4059, 38.2126

Sweetspot

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



27.3073, 29.4072, 22.0066



53.6305, 56.9126, 55.3681



23.8242, 21.8157, 22.7733



12.1038, 12.8524, 12.3949



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.3073, 29.4072, 22.0066



48.5355, 52.4448, 36.0291



26.3142, 30.3280, 22.2367



6.6162, 7.0375, 6.6155



17.0469, 17.9762, 2.5713



0.2763, 0.3117, 0.0456

Inverse Universe

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



21.0392, 21.2474, 33.5643



35.2833, 35.1946, 60.4699



21.8735, 20.5731, 33.3902



5.9682, 6.1938, 7.8099



5.0941, 2.5849, 25.1381



0.0955, 0.0772, 0.3822

Previews

White Background



This preview shows how the XYZ color 27.3065, 29.4059, 22.0060 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 27.3065, 29.4059, 22.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

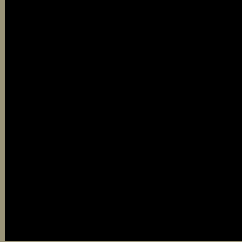
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3065, 29.4059, 22.0060

Background



This preview shows how black text looks on a background with the XYZ color 27.3065, 29.4059, 22.0060.



This preview shows how white text looks on a background with the XYZ color 27.3065, 29.4059,

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

27.3065, 29.4059, 22.0060

Protanopia

27.5342, 29.2914, 21.9719

Deuteranopia

29.9188, 29.3844, 22.1840



Tritanopia

29.7557, 29.2471, 34.6488

Trichromacy



Original Color

27.3065, 29.4059, 22.0060

Protanomaly

27.3415, 29.1921, 21.9629

Deuteranomaly

28.9415, 29.3263, 22.2243

Tritanomaly

28.9125, 29.3719, 29.7367

Monochromacy



Original Color

27.3065, 29.4059, 22.0060

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5268, 29.1576, 27.8441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3065, 29.4059, 22.0060 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(154, 148, 120)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 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(154, 148, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.3065, 29.4059, 22.0060 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(154, 148, 120) }
```


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

```
.border{ border-color:rgb(154, 148, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 120);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3065, 29.4059, 22.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 120) }
```

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

```
.background{ background-color: rgb(154,  
148, 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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