

Converting Colors

XYZ(22.4409, 20.9666, 26.8360)

Have a look what the booklet for
XYZ(22.4409, 20.9666, 26.8360)
contains.

XYZ(22.4592, 21.0187, 26.9180)	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(22.4592, 21.0187,
26.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	8E788A
RGB	142, 120, 138
RGB Percent	56%, 47%, 54%
CMY	0.4431, 0.5294, 0.4588
CMYK	0.00, 0.15, 0.03, 0.44
HSL	311°, 9%, 51%
HSV	311°, 15%, 56%
XYZ	22.4592, 21.0187, 26.9180
YIQ	128.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

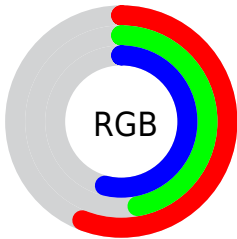
Format	Color
R_{YB}	142, 120, 138
Decimal	9336970
CIE _{Lab}	52.97, 11.83, -6.61
CIE _{LCh}	53, 13.553, 330.812
Yxy	21.0187, 0.3190, 0.2986
Android (android.graphics.Color)	4287527050 (0xFF8E788A)
YUV	128.6300, 4.6194, 11.7255
Hunter-Lab	45.8462, 7.2131, -2.7191

Details

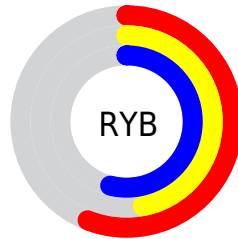
The XYZ color **22.4592, 21.0187, 26.9180** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0576, 24.7948, 22.7459**, and the grayscale version is **20.7200, 21.7991, 23.7392**.

A 20% lighter version of the original color is **46.9214, 45.0024, 55.5035**, and **8.4283, 7.4864, 10.2333** is the 20% darker color. If you saturate the color by 10%, you get **20.6919, 17.7795, 25.4177**, and if you desaturate by 10%, it is **24.4854, 24.7680, 28.5270**.

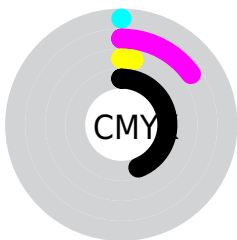
Distribution



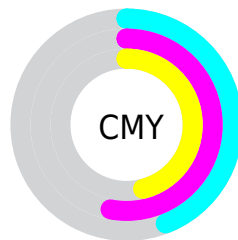
- Red (56%)
- Green (47%)
- Blue (54%)



- Red (56%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4592, 21.0187, 26.9180 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 22.4592, 21.0187, 26.9180 by changing the saturation by 10% instead.

■ 22.4592, 21.0187,
26.9180

■ 22.4592, 21.0187,
26.9180

257.5226,
257.3779, 301.0075

■ 14.3132, 13.1377,
17.2798

■ 46.9770, 45.1187,
55.7544

■ 8.4220, 7.5234,
10.2701

■ 64.0795, 62.1064,
75.7896

■ 4.4202, 3.7915,
5.4705

■ 84.8983, 82.8984,
100.1276

■ 1.9425, 1.5576,
2.4623

109.7986,
107.8793, 129.1868

■ 0.6013, 0.3288,
0.8201

139.1458,
137.4332, 163.3859

■ 0.0000, 0.0000,
0.0000

173.3053,

171.9447, 203.1434

212.6424,
211.7981, 248.8777

■ 22.4592, 21.0187,
26.9180

■ 22.4592, 21.0187,
26.9180

■ 20.6919, 17.7795,
25.4177

■ 24.4854, 24.7680,
28.5270

■ 19.1707, 15.0255,
24.0209

■ 26.7792, 29.0457,
30.2471

■ 17.8840, 12.7338,
22.7240

■ 29.3510, 33.8722,
32.0821

■ 16.8190, 10.8783,
21.5224

■ 32.2102, 39.2662,
34.0352

■ 15.9613, 9.4307,
20.4113

■ 35.3658, 45.2456,
36.1097

15.2951, 8.3591,
19.3852

38.8262, 51.8273,
38.3084

14.8020, 7.6270,
18.4378

42.5996, 59.0277,
40.6342

14.4561, 7.1823,
17.5602

46.6939, 66.8625,
43.0900

14.3183, 7.0160,
17.1774

51.1168, 75.3469,
45.6784

Harmonies

Analogous

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



21.4101, 21.0187, 30.2858



22.4592, 21.0187, 26.9180



22.8361, 21.0187, 22.7751

Triad

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



22.4592, 21.0187, 26.9180



19.9390, 21.0187, 15.9193



17.7217, 21.0187, 27.1325

Complementary

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



22.4592, 21.0187, 26.9180



21.0576, 24.7948, 22.7459

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.



17.3683, 21.0187, 22.9968



22.4592, 21.0187, 26.9180



18.6105, 21.0187, 16.8015

Square

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



22.4592, 21.0187, 26.9180



21.3400, 21.0187, 16.7115



17.6860, 21.0187, 19.2778



18.6746, 21.0187, 30.4196

Rectangle

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



22.4592, 21.0187, 26.9180



22.6421, 21.0187, 20.2166



17.6860, 21.0187, 19.2778



17.5309, 21.0187, 25.7801

Sweetspot

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



22.4598, 21.0196, 26.9185



43.3251, 43.9502, 50.4182



19.8639, 19.6473, 28.3368



9.6245, 9.7192, 11.2207



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.4598, 21.0196, 26.9185



38.3355, 34.7307, 46.4125



21.7250, 20.7257, 23.0491



5.5848, 5.4944, 6.5774



12.8617, 6.3017, 15.4549



0.1300, 0.0631, 0.1851

Inverse Universe

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



22.4598, 21.0196, 26.9185



38.3355, 34.7307, 46.4125



21.7691, 25.0794, 26.4928



5.5848, 5.4944, 6.5774



12.8617, 6.3017, 15.4549



0.1300, 0.0631, 0.1851

Previews

White Background



This preview shows how the XYZ color 22.4592, 21.0187, 26.9180 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 22.4592, 21.0187, 26.9180 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 22.4592, 21.0187, 26.9180

Background



This preview shows how black text looks on a background with the XYZ color 22.4592, 21.0187, 26.9180.



This preview shows how white text looks on a background with the XYZ color 22.4592, 21.0187,

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

22.4592, 21.0187, 26.9180

Protanopia

20.6555, 21.1598, 28.5868

Deuteranopia

21.4298, 21.0404, 26.5986



Tritanopia

21.9186, 20.9762, 24.3663

Trichromacy



Original Color

22.4592, 21.0187, 26.9180

Protanomaly

21.3754, 21.1637, 28.1577

Deuteranomaly

21.7914, 21.0436, 26.5802

Tritanomaly

22.1250, 21.0587, 25.4529

Monochromacy



Original Color

22.4592, 21.0187, 26.9180

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.4572, 21.6560, 24.8789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4592, 21.0187, 26.9180 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(142, 120, 138)` looks like.

```
.text, #text, p{  
    color:rgb(142, 120, 138)  
}
```

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(142, 120, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 120, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.4592, 21.0187, 26.9180 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(142, 120, 138) }
```


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

```
.border{ border-color:rgb(142, 120, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 120, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 120, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 120, 138);  
box-shadow:4px 4px 4px 4px rgb(142, 120,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4592, 21.0187, 26.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 120, 138) }
```

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

```
.background{ background-color: rgb(142,  
120, 138) }
```

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