

Converting Colors

XYZ(25.4607, 21.7844, 8.4689)

Have a look what the booklet for
XYZ(25.4607, 21.7844, 8.4689)
contains.

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Color

**XYZ(25.3394, 21.7049,
8.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	B27145
RGB	178, 113, 69
RGB Percent	70%, 44%, 27%
CMY	0.3020, 0.5568, 0.7294
CMYK	0.00, 0.37, 0.61, 0.30
HSL	24°, 44%, 48%
HSV	24°, 61%, 70%
XYZ	25.3394, 21.7049, 8.4842
YIQ	127.4190, 52.8640, 0.0960

Conversions

Conversions Part 2

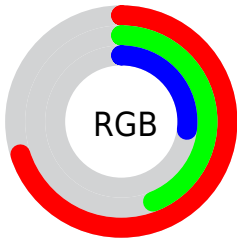
Format	Color
R_{YB}	178, 143, 69
Decimal	11694405
CIE _{Lab}	53.71, 21.32, 34.77
CIE _{LCh}	54, 40.785, 58.487
Yxy	21.7049, 0.4563, 0.3909
Android (android.graphics.Color)	4289884485 (0xFFB27145)
YUV	127.4190, -28.8006, 44.3595
Hunter-Lab	46.5885, 15.5559, 21.8147

Details

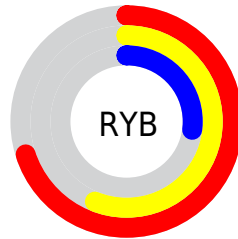
The XYZ color **25.3394, 21.7049, 8.4842** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.0148, 21.5287, 45.2725**, and the grayscale version is **20.4009, 21.4633, 23.3736**.

A 20% lighter version of the original color is **51.6502, 46.2228, 23.3392**, and **9.8732, 7.7936, 1.7946** is the 20% darker color. If you saturate the color by 10%, you get **23.7519, 19.2855, 5.6259**, and if you desaturate by 10%, it is **27.2322, 24.4698, 12.2622**.

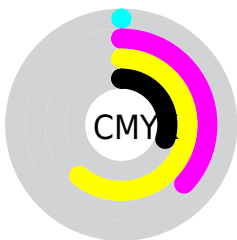
Distribution



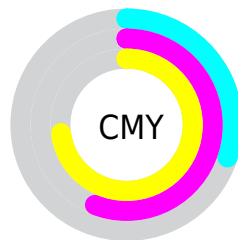
- Red (70%)
- Green (44%)
- Blue (27%)



- Red (70%)
- Yellow (56%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (61%)
- Black (30%)





- Cyan (30%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3394, 21.7049, 8.4842 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 25.3394, 21.7049, 8.4842 by changing the saturation by 10% instead.


 25.3394, 21.7049,
8.4842


 25.3394, 21.7049,
8.4842


271.8405,
261.0013, 189.5562


 16.4602, 13.6402,
4.3141


 51.6462, 46.2578,
23.4640


 9.9433, 7.8709,
1.7992


 69.8046, 63.5148,
35.1108

 5.4233, 4.0124,
0.4274

 91.7866, 84.6046,
50.0869

 2.5350, 1.6805,
0.0000

 117.9578,
109.9118, 68.8109

 0.9129, 0.4110,
0.0000

 148.6834,
139.8207, 91.7012

 0.0000, 0.0000,
0.0000

184.3288,

174.7156, 119.1766

225.2594,
214.9810, 151.6554

■ 25.3394, 21.7049,
8.4842

■ 25.3394, 21.7049,
8.4842

■ 23.7519, 19.2855,
5.6259

■ 27.2322, 24.4698,
12.2622

■ 22.4480, 17.1927,
3.6039

■ 29.4467, 27.5913,
17.0311

■ 21.4051, 15.4103,
2.3211

■ 31.9998, 31.0841,
22.8563

■ 20.6683, 14.0816,
1.6287

■ 34.9067, 34.9607,
29.7972

■ 38.1815, 39.2332,
37.9088

■ 41.8376, 43.9131,
47.2423

■ 45.8875, 49.0113,
57.8461

■ 50.3433, 54.5383,
69.7657

■ 55.2164, 60.5043,
83.0444

Harmonies

Analogous

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



28.9288, 21.7049, 13.9152



25.3394, 21.7049, 8.4842



20.8524, 21.7049, 6.8190

Triad

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



25.3394, 21.7049, 8.4842



13.3204, 21.7049, 23.0036



24.9014, 21.7049, 51.7108

Complementary

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



25.3394, 21.7049, 8.4842



19.0148, 21.5287, 45.2725

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.



20.4089, 21.7049, 56.7622



25.3394, 21.7049, 8.4842



14.0925, 21.7049, 37.0649

Square

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



25.3394, 21.7049, 8.4842



14.2652, 21.7049, 13.1567



16.5433, 21.7049, 50.6479



28.6519, 21.7049, 38.5696

Rectangle

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



25.3394, 21.7049, 8.4842



18.0792, 21.7049, 7.3717



16.5433, 21.7049, 50.6479



23.4098, 21.7049, 54.5792

Sweetspot

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



25.3399, 21.7060, 8.4846



64.9676, 65.5894, 58.1122



24.8193, 15.4538, 24.3757



14.0289, 14.0521, 11.9825



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.3399, 21.7060, 8.4846



42.3042, 33.7626, 8.9392



33.2712, 37.5686, 11.1284



8.7686, 9.0497, 8.9371



14.8469, 10.1923, 1.1848



0.5251, 0.4366, 0.0566

Inverse Universe

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



19.0148, 21.5287, 45.2725



29.8157, 33.3049, 81.2382



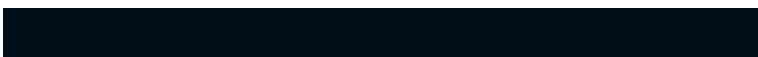
13.3516, 10.2025, 43.3848



8.4491, 9.0445, 10.8068



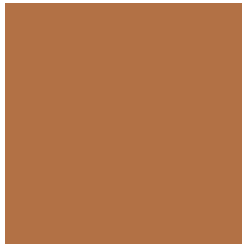
9.5108, 9.8219, 31.5315



0.3547, 0.4198, 1.0106

Previews

White Background



This preview shows how the XYZ color 25.3394, 21.7049, 8.4842 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 25.3394, 21.7049, 8.4842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

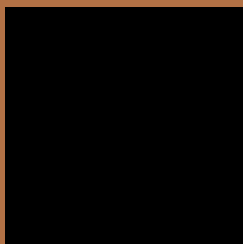
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3394, 21.7049, 8.4842

Background



This preview shows how black text looks on a background with the XYZ color 25.3394, 21.7049, 8.4842.



This preview shows how white text looks on a background with the XYZ color 25.3394, 21.7049,

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

25.3394, 21.7049, 8.4842

Protanopia

20.1048, 21.8712, 9.8185

Deuteranopia

22.1966, 21.8403, 8.3559



Tritanopia

27.4083, 21.5770, 18.9399

Trichromacy



Original Color

25.3394, 21.7049, 8.4842

Protanomaly

21.6120, 21.5170, 9.3174

Deuteranomaly

23.1573, 21.6103, 8.4195

Tritanomaly

26.4956, 21.5224, 14.3130

Monochromacy



Original Color

25.3394, 21.7049, 8.4842

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.4151, 21.0707, 16.5740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3394, 21.7049, 8.4842 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(178, 113, 69)` looks like.

```
.text, #text, p{  
    color:rgb(178, 113, 69)  
}
```

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(178, 113, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 113, 69) }
```

Border

The CSS property to change the border of an element to XYZ 25.3394, 21.7049, 8.4842 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(178, 113, 69) }
```


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

```
.border{ border-color:rgb(178, 113, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 113, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 113, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 113, 69);  
box-shadow:4px 4px 4px 4px rgb(178, 113,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3394, 21.7049, 8.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 113, 69) }
```

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

```
.background{ background-color: rgb(178,  
113, 69) }
```

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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