

Converting Colors

XYZ(25.9172, 27.8455, 21.2928)

Have a look what the booklet for
XYZ(25.9172, 27.8455, 21.2928)
contains.

XYZ(25.8210, 27.7386, 21.1327)	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(25.8210, 27.7386,
21.1327)**

Conversions

Conversions Part 1

Format	Color
Hex	969076
RGB	150, 144, 118
RGB Percent	59%, 56%, 46%
CMY	0.4118, 0.4353, 0.5373
CMYK	0.00, 0.04, 0.21, 0.41
HSL	49°, 13%, 53%
HSV	49°, 21%, 59%
XYZ	25.8210, 27.7386, 21.1327
YIQ	142.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

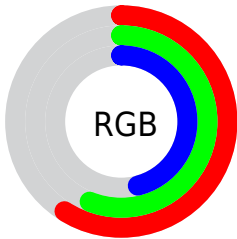
Format	Color
R_{YB}	125, 150, 118
Decimal	9867382
CIE _{Lab}	59.65, -2.26, 14.64
CIE _{LCh}	60, 14.811, 98.766
Yxy	27.7386, 0.3457, 0.3714
Android (android.graphics.Color)	4288057462 (0xFF969076)
YUV	142.8300, -12.2412, 6.2881
Hunter-Lab	52.6674, -4.6558, 13.0772

Details

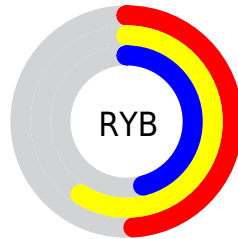
The XYZ color **25.8210, 27.7386, 21.1327** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1838, 20.4684, 31.7414**, and the grayscale version is **26.0852, 27.4437, 29.8861**.

A 20% lighter version of the original color is **52.3516, 56.1278, 46.1047**, and **10.2538, 11.1003, 7.3965** is the 20% darker color. If you saturate the color by 10%, you get **24.5794, 26.5701, 16.6653**, and if you desaturate by 10%, it is **27.2165, 28.9875, 26.3514**.

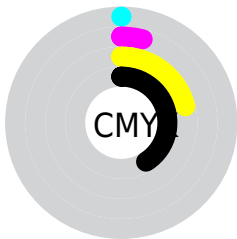
Distribution



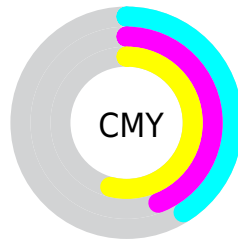
- Red (59%)
- Green (56%)
- Blue (46%)



- Red (49%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8210, 27.7386, 21.1327 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 25.8210, 27.7386, 21.1327 by changing the saturation by 10% instead.

■ 25.8210, 27.7386,
21.1327

■ 25.8210, 27.7386,
21.1327

274.1751,
291.2157, 270.7871

■ 16.8218, 18.1287,
13.0288

■ 52.4194, 56.0668,
46.1919

■ 10.2020, 11.0424,
7.3175

■ 70.7493, 75.5540,
63.9844

■ 5.5964, 6.0954,
3.5800

■ 92.9200, 99.1023,
85.8435

■ 2.6396, 2.9032,
1.3979

119.2971,
127.0962, 112.1877

■ 0.9662, 1.0814,
0.1401

150.2458,
159.9201, 143.4357

■ 0.0000, 0.0000,
0.0000

186.1314,

197.9584, 180.0058

227.3194,
241.5955, 222.3168

■ 25.8210, 27.7386,
21.1327

■ 25.8210, 27.7386,
21.1327

■ 24.5794, 26.5701,
16.6653

■ 27.2165, 28.9875,
26.3514

■ 23.4827, 25.4755,
12.9123

■ 28.7699, 30.3157,
32.3527

■ 22.5243, 24.4529,
9.8362

■ 30.4880, 31.7270,
39.1680

■ 21.6962, 23.4990,
7.3954

■ 32.3765, 33.2238,
46.8266

■ 20.9897, 22.6102,
5.5435

■ 34.4405, 34.8082,
55.3564

■ 20.3946, 21.7824,
4.2282

■ 36.6853, 36.4825,
64.7838

■ 19.8992, 21.0106,
3.3874

■ 39.1157, 38.2487,
75.1343

■ 19.5239, 20.3763,
2.9040

■ 41.7364, 40.1088,
86.4322

■ 44.5520, 42.0648,
98.7011

Harmonies

Analogous

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



27.6873, 27.7386, 21.5918



25.8210, 27.7386, 21.1327



24.1787, 27.7386, 22.8698

Triad

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



25.8210, 27.7386, 21.1327



23.6617, 27.7386, 37.1136



29.8570, 27.7386, 34.0843

Complementary

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



25.8210, 27.7386, 21.1327



20.1838, 20.4684, 31.7414

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.



28.6787, 27.7386, 38.9559



25.8210, 27.7386, 21.1327



25.0849, 27.7386, 40.8435

Square

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



25.8210, 27.7386, 21.1327



22.9712, 27.7386, 31.7979



26.9160, 27.7386, 41.5548



30.0770, 27.7386, 28.6616

Rectangle

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



25.8210, 27.7386, 21.1327



23.4107, 27.7386, 25.1756



26.9160, 27.7386, 41.5548



29.5573, 27.7386, 35.8579

Sweetspot

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



25.8217, 27.7398, 21.1333



49.4246, 52.3604, 51.8508



22.7199, 20.9066, 22.0400



10.9187, 11.5743, 11.3576



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.8217, 27.7398, 21.1333



44.4009, 47.8682, 33.0499



25.0594, 28.7312, 21.3648



6.1740, 6.5618, 6.1816



16.2143, 16.9430, 2.4157



0.2176, 0.2458, 0.0360

Inverse Universe

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



20.1838, 20.4684, 31.7414



32.4818, 32.4974, 55.4819



20.8258, 19.7175, 31.5626



5.5822, 5.7984, 7.2947



4.9308, 2.5565, 24.1646



0.0766, 0.0638, 0.3012

Previews

White Background



This preview shows how the XYZ color 25.8210, 27.7386, 21.1327 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 25.8210, 27.7386, 21.1327 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

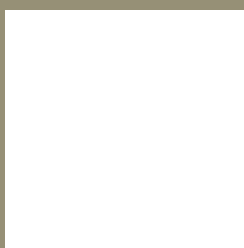
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8210, 27.7386, 21.1327

Background



This preview shows how black text looks on a background with the XYZ color 25.8210, 27.7386, 21.1327.



This preview shows how white text looks on a background with the XYZ color 25.8210, 27.7386,

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

25.8210, 27.7386, 21.1327

Protanopia

26.0414, 27.6283, 21.0998

Deuteranopia

28.1441, 27.6159, 21.2998



Tritanopia

28.2095, 27.8282, 32.7387

Trichromacy



Original Color

25.8210, 27.7386, 21.1327

Protanomaly

25.8550, 27.5322, 21.0911

Deuteranomaly

27.2051, 27.5617, 21.3388

Tritanomaly

27.2492, 27.6570, 27.9469

Monochromacy



Original Color

25.8210, 27.7386, 21.1327

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9796, 27.4771, 26.4886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8210, 27.7386, 21.1327 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(150, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 118)  
}
```

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(150, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.8210, 27.7386, 21.1327 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(150, 144, 118) }
```


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

```
.border{ border-color:rgb(150, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8210, 27.7386, 21.1327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 118) }
```

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

```
.background{ background-color: rgb(150,  
144, 118) }
```

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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