

Converting Colors

XYZ(21.0636, 25.8591, 13.8741)

Have a look what the booklet for
XYZ(21.0636, 25.8591, 13.8741)
contains.

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Color

**XYZ(21.0693, 25.9023,
13.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	80925B
RGB	128, 146, 91
RGB Percent	50%, 57%, 36%
CMY	0.4980, 0.4274, 0.6431
CMYK	0.12, 0.00, 0.38, 0.43
HSL	80°, 23%, 46%
HSV	80°, 38%, 57%
XYZ	21.0693, 25.9023, 13.7867
YIQ	134.3480, 6.9270, -20.9210

Conversions

Conversions Part 2

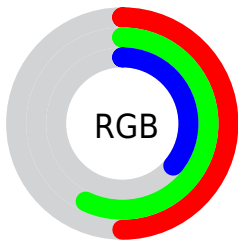
Format	Color
R_{YB}	91, 146, 109
Decimal	8426075
CIE _{Lab}	57.94, -16.12, 27.06
CIE _{LCh}	58, 31.498, 120.785
Yxy	25.9023, 0.3468, 0.4263
Android (android.graphics.Color)	4286616155 (0xFF80925B)
YUV	134.3480, -21.3706, -5.5672
Hunter-Lab	50.8943, -15.1693, 19.5650

Details

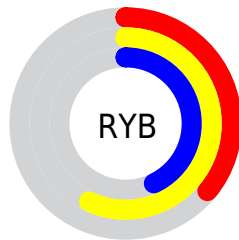
The XYZ color **21.0693, 25.9023, 13.7867** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2371, 12.8094, 28.8650**, and the grayscale version is **22.8631, 24.0538, 26.1946**.

A 20% lighter version of the original color is **44.8282, 53.2066, 33.4984**, and **7.6887, 9.9860, 3.9051** is the 20% darker color. If you saturate the color by 10%, you get **19.7980, 25.3136, 10.7534**, and if you desaturate by 10%, it is **22.4983, 26.5598, 17.4682**.

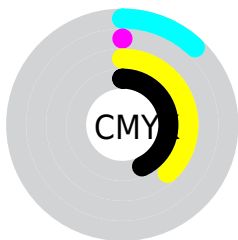
Distribution



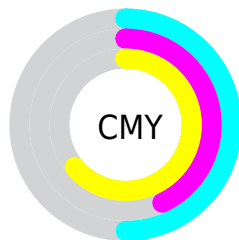
- Red (50%)
- Green (57%)
- Blue (36%)



- Red (36%)
- Yellow (57%)
- Blue (43%)



- Cyan (12%)
- Magenta (0%)
- Yellow (38%)
- Black (43%)



- Cyan (50%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0693, 25.9023, 13.7867 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 21.0693, 25.9023, 13.7867 by changing the saturation by 10% instead.

■ 21.0693, 25.9023,
13.7867

■ 21.0693, 25.9023,
13.7867

250.3713,
282.3021, 227.2819

■ 13.2874, 16.7506,
7.8354

■ 44.6932, 53.1173,
33.4217

■ 7.7051, 10.0568,
3.9036

■ 61.2660, 71.9493,
47.9426

■ 3.9571, 5.4366,
1.5726

■ 81.4998, 94.7769,
66.1570

■ 1.6779, 2.5057,
0.2711

■ 105.7600,
121.9845, 88.4835

■ 0.4424, 0.8795,
0.0000

134.4118,
153.9564, 115.3408

■ 0.0000, 0.0000,
0.0000

167.8208,

191.0770, 147.1472

206.3521,
233.7308, 184.3214

■ 21.0693, 25.9023,
13.7867

■ 21.0693, 25.9023,
13.7867

■ 19.7980, 25.3136,
10.7534

■ 22.4983, 26.5598,
17.4682

■ 18.6749, 24.7871,
8.3289

■ 24.0902, 27.2855,
21.8307

■ 17.6923, 24.3206,
6.4724


■ 25.8520, 28.0833,
26.9070

■ 16.8408, 23.9103,
5.1372


■ 27.7900, 28.9555,
32.7271


■ 16.1097, 23.5519,
4.2692

■ 29.9099, 29.9046,
39.3193

 15.4793, 23.2374,
3.7670

 32.2173, 30.9329,
46.7106

 15.3395, 23.1674,
3.6633

 34.7174, 32.0425,
54.9266

 37.4152, 33.2355,
63.9916

 40.3157, 34.5138,
73.9290

Harmonies

Analogous

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



24.5195, 25.9023, 12.0396



21.0693, 25.9023, 13.7867



18.7824, 25.9023, 19.1811

Triad

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



21.0693, 25.9023, 13.7867



21.2259, 25.9023, 50.6653



32.6627, 25.9023, 27.9177

Complementary

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



21.0693, 25.9023, 13.7867



15.2371, 12.8094, 28.8650

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.



31.5553, 25.9023, 39.6860



21.0693, 25.9023, 13.7867



24.7195, 25.9023, 54.6943

Square

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



21.0693, 25.9023, 13.7867



18.8661, 25.9023, 40.3123



28.5473, 25.9023, 50.2432



31.4374, 25.9023, 18.8000

Rectangle

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



21.0693, 25.9023, 13.7867



18.0944, 25.9023, 24.9864



28.5473, 25.9023, 50.2432



32.5500, 25.9023, 31.6849

Sweetspot

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



21.0699, 25.9034, 13.7873



44.4648, 49.0249, 44.1372



19.1499, 17.6804, 12.3012



9.8092, 10.8688, 9.5804



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.0699, 25.9034, 13.7873



35.2998, 44.8286, 19.8318



17.5442, 24.0859, 13.6223



6.0828, 6.6505, 6.2035



13.5221, 20.3988, 3.2247



0.1966, 0.2657, 0.0409

Inverse Universe

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



15.2371, 12.8094, 28.8650



23.5316, 18.3902, 50.2830



19.0701, 14.7854, 29.0444



5.6677, 5.7197, 7.2750



5.6511, 2.3858, 24.0937



0.0977, 0.0439, 0.2962

Previews

White Background



This preview shows how the XYZ color 21.0693, 25.9023, 13.7867 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 21.0693, 25.9023, 13.7867 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 21.0693, 25.9023, 13.7867

Background



This preview shows how black text looks on a background with the XYZ color 21.0693, 25.9023, 13.7867.



This preview shows how white text looks on a background with the XYZ color 21.0693, 25.9023,

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

21.0693, 25.9023, 13.7867

Protanopia

23.7566, 25.7491, 12.9505

Deuteranopia

26.1338, 25.6902, 14.1710



Tritanopia

24.8910, 25.9015, 32.5418

Trichromacy



Original Color

21.0693, 25.9023, 13.7867

Protanomaly

22.8039, 25.9069, 13.2498

Deuteranomaly

24.0132, 25.6427, 14.0398

Tritanomaly

23.3083, 25.9175, 24.5430

Monochromacy



Original Color

21.0693, 25.9023, 13.7867

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.8742, 24.3905, 20.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0693, 25.9023, 13.7867 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(128, 146, 91)` looks like.

```
.text, #text, p{  
    color:rgb(128, 146, 91)  
}
```

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(128, 146, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 146, 91) }
```

Border

The CSS property to change the border of an element to XYZ 21.0693, 25.9023, 13.7867 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(128, 146, 91) }
```


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

```
.border{ border-color:rgb(128, 146, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 146, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 146, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 146, 91);  
box-shadow:4px 4px 4px 4px rgb(128, 146,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0693, 25.9023, 13.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 146, 91) }
```

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

```
.background{ background-color: rgb(128,  
146, 91) }
```

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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