

Converting Colors

XYZ(24.2456, 25.9339, 20.7434)

Have a look what the booklet for
XYZ(24.2456, 25.9339, 20.7434)
contains.

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Color

**XYZ(24.1797, 25.7930,
20.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	918B76
RGB	145, 139, 118
RGB Percent	57%, 55%, 46%
CMY	0.4314, 0.4549, 0.5373
CMYK	0.00, 0.04, 0.19, 0.43
HSL	47°, 11%, 52%
HSV	47°, 19%, 57%
XYZ	24.1797, 25.7930, 20.8437
YIQ	138.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

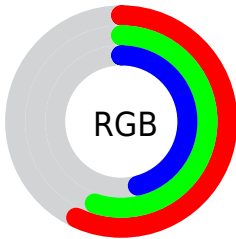
Format	Color
R_{YB}	126, 145, 118
Decimal	9538422
CIE _{Lab}	57.84, -1.46, 12.04
CIE _{LCh}	58, 12.132, 96.910
Yxy	25.7930, 0.3414, 0.3642
Android (android.graphics.Color)	4287728502 (0xFF918B76)
YUV	138.4000, -10.0572, 5.7882
Hunter-Lab	50.7868, -3.8927, 11.2172

Details

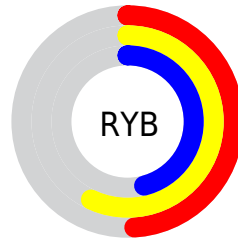
The XYZ color **24.1797, 25.7930, 20.8437** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7896, 20.3108, 29.6656**, and the grayscale version is **24.3454, 25.6133, 27.8928**.

A 20% lighter version of the original color is **49.6585, 52.7437, 45.5935**, and **9.2940, 9.9666, 7.2283** is the 20% darker color. If you saturate the color by 10%, you get **22.9242, 24.5565, 16.4959**, and if you desaturate by 10%, it is **25.5828, 27.1123, 25.8949**.

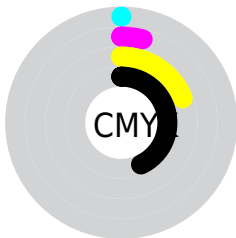
Distribution



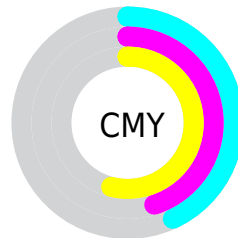
- Red (57%)
- Green (55%)
- Blue (46%)



- Red (49%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1797, 25.7930, 20.8437 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 24.1797, 25.7930, 20.8437 by changing the saturation by 10% instead.

■ 24.1797, 25.7930,
20.8437

■ 24.1797, 25.7930,
20.8437

266.1514,
281.7644, 269.2004

■ 15.5924, 16.6688,
12.8197

■ 49.7758, 52.9408,
45.7047

■ 9.3252, 9.9987,
7.1752

■ 67.5154, 71.7333,
63.3787

■ 5.0127, 5.3981,
3.4918

■ 89.0365, 94.5173,
85.1065

■ 2.2896, 2.4827,
1.3509

114.7043,
121.6772, 111.3065

■ 0.7893, 0.8679,
0.1030

144.8844,
153.5975, 142.3974

■ 0.0000, 0.0000,
0.0000

179.9421,

190.6626, 178.7976

220.2426,
233.2567, 220.9258

■ 24.1797, 25.7930,
20.8437

■ 24.1797, 25.7930,
20.8437

■ 22.9242, 24.5565,
16.4959

■ 25.5828, 27.1123,
25.8949

■ 21.8081, 23.3966,
12.8180

■ 27.1372, 28.5134,
31.6777

■ 20.8255, 22.3118,
9.7764

■ 28.8491, 29.9999,
38.2205

■ 19.9692, 21.2989,
7.3337

■ 30.7235, 31.5739,
45.5501

■ 19.2312, 20.3545,
5.4487

■ 32.7654, 33.2376,
53.6916

■ 18.6026, 19.4749,
4.0750

■ 34.9795, 34.9931,
62.6693

■ 18.0730, 18.6558,
3.1584

■ 37.3702, 36.8423,
72.5062

■ 17.6200, 17.8879,
2.5815

■ 39.9420, 38.7871,
83.2246

■ 17.5594, 17.7843,
2.5072

■ 42.6989, 40.8294,
94.8459

Harmonies

Analogous

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



25.6315, 25.7930, 21.3268



24.1797, 25.7930, 20.8437



22.8700, 25.7930, 22.1411

Triad

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



24.1797, 25.7930, 20.8437



22.3415, 25.7930, 33.1875



27.1859, 25.7930, 31.3521

Complementary

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



24.1797, 25.7930, 20.8437



19.7896, 20.3108, 29.6656

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.



26.2380, 25.7930, 35.0057



24.1797, 25.7930, 20.8437



23.4324, 25.7930, 36.1365

Square

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



24.1797, 25.7930, 20.8437



21.8363, 25.7930, 29.0614



24.8543, 25.7930, 36.8329



27.4053, 25.7930, 27.1292

Rectangle

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



24.1797, 25.7930, 20.8437



22.2408, 25.7930, 23.9248



24.8543, 25.7930, 36.8329



26.9401, 25.7930, 32.6997

Sweetspot

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



24.1804, 25.7941, 20.8442



46.4834, 49.1659, 48.8328



21.8129, 20.4398, 21.9644



10.3071, 10.9068, 10.7393



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.



24.1804, 25.7941, 20.8442



42.4094, 45.3257, 34.1939



23.8438, 26.9453, 21.0842



5.7394, 6.0850, 5.7614



15.0809, 15.2935, 2.1571



0.1604, 0.1785, 0.0260

Inverse Universe

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



19.7896, 20.3108, 29.6656



33.1756, 33.7950, 52.7481



20.0763, 19.3766, 29.4702



5.2207, 5.4373, 6.8031



4.8485, 2.6829, 23.2394



0.0604, 0.0536, 0.2269

Previews

White Background



This preview shows how the XYZ color 24.1797, 25.7930, 20.8437 looks on a white background.

Color Contrast Check

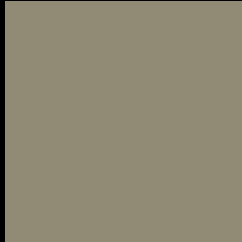
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1797, 25.7930, 20.8437 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

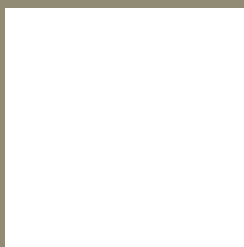
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1797, 25.7930, 20.8437

Background



This preview shows how black text looks on a background with the XYZ color 24.1797, 25.7930, 20.8437.



This preview shows how white text looks on a background with the XYZ color 24.1797, 25.7930,

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

24.1797, 25.7930, 20.8437

Protanopia

24.3567, 25.8842, 20.8520

Deuteranopia

26.1529, 25.7530, 21.0452



Tritanopia

26.2467, 25.7928, 30.7893

Trichromacy



Original Color

24.1797, 25.7930, 20.8437

Protanomaly

24.3567, 25.8842, 20.8520

Deuteranomaly

25.4604, 25.8103, 21.0927

Tritanomaly

25.4608, 25.6818, 26.9077

Monochromacy



Original Color

24.1797, 25.7930, 20.8437

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1697, 25.4784, 25.1167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1797, 25.7930, 20.8437 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(145, 139, 118) looks like.

```
.text, #text, p{  
    color:rgb(145, 139, 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(145, 139, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 139, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.1797, 25.7930, 20.8437 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(145, 139, 118) }
```


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

```
.border{ border-color:rgb(145, 139, 118) }
```

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

Here you see how a box with a 4 pixel rgb(145, 139, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 139, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 139, 118);  
box-shadow:4px 4px 4px 4px rgb(145, 139,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1797, 25.7930, 20.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 139, 118) }
```

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

```
.background{ background-color: rgb(145,  
139, 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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