

Converting Colors

XYZ(20.1207, 25.3124, 7.9630)

Have a look what the booklet for
XYZ(20.1207, 25.3124, 7.9630)
contains.

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Color

**XYZ(20.1207, 25.3124,
7.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	82913B
RGB	130, 145, 59
RGB Percent	51%, 57%, 23%
CMY	0.4902, 0.4314, 0.7686
CMYK	0.10, 0.00, 0.59, 0.43
HSL	70°, 42%, 40%
HSV	70°, 59%, 57%
XYZ	20.1207, 25.3124, 7.9630
YIQ	130.7110, 18.6660, -29.9260

Conversions

Conversions Part 2

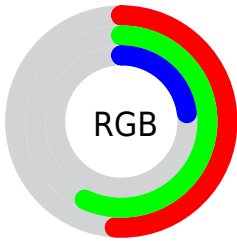
Format	Color
RYB	59, 145, 74
Decimal	8556859
CIELab	57.38, -18.29, 42.88
CIELCh	57, 46.617, 113.107
Yxy	25.3124, 0.3768, 0.4740
Android (android.graphics.Color)	4286746939 (0xFF82913B)
YUV	130.7110, -35.3535, -0.6235
Hunter-Lab	50.3114, -16.6587, 25.8339

Details

The XYZ color **20.1207, 25.3124, 7.9630** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.4998, 6.6288, 27.5684**, and the grayscale version is **21.5882, 22.7125, 24.7339**.

A 20% lighter version of the original color is **43.2455, 52.2869, 22.5650**, and **7.2560, 9.8129, 1.6265** is the 20% darker color. If you saturate the color by 10%, you get **19.4126, 24.9858, 6.2323**, and if you desaturate by 10%, it is **20.9440, 25.6880, 10.2455**.

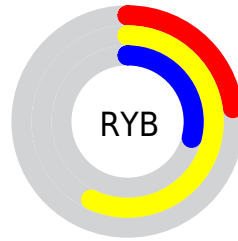
Distribution



Red (51%)

Green (57%)

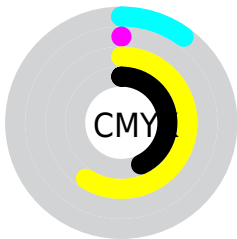
Blue (23%)



Red (23%)

Yellow (57%)

Blue (29%)

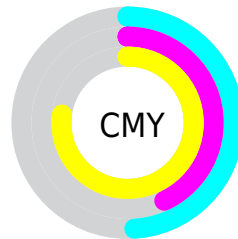


Cyan (10%)

Magenta (0%)

Yellow (59%)

Black (43%)



Cyan (49%)

Magenta (43%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1207, 25.3124, 7.9630 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 20.1207, 25.3124, 7.9630 by changing the saturation by 10% instead.

20.1207, 25.3124,
7.9630

20.1207, 25.3124,
7.9630

245.3889,
279.3902, 185.3653

12.5916, 16.3100,
3.9838

43.1219, 52.1636,
22.4309

7.2230, 9.7438,
1.6165

59.3246, 70.7811,
33.7566

3.6495, 5.2294,
0.3025

79.1493, 93.3724,
48.3684

1.5058, 2.3825,
0.0000

102.9612,
120.3220, 66.6846

0.3298, 0.8169,
0.0000

131.1258,
152.0141, 89.1239

0.0000, 0.0000,
0.0000

164.0084,

188.8333, 116.1047

201.9743,
231.1638, 148.0457

■ 20.1207, 25.3124,
7.9630

■ 20.1207, 25.3124,
7.9630

■ 19.4126, 24.9858,
6.2323

■ 20.9440, 25.6880,
10.2455

■ 18.8090, 24.7012,
5.0049

■ 21.8888, 26.1124,
13.1198

■ 18.3000, 24.4555,
4.2268

■ 22.9627, 26.5896,
16.6238

■ 17.8606, 24.2387,
3.7659

■ 24.1724, 27.1222,
20.7920

■ 17.8309, 24.2240,
3.7359

■ 25.5240, 27.7127,
25.6563

■ 27.0232, 28.3634,
31.2466

■ 28.6755, 29.0765,
37.5909

■ 30.4860, 29.8540,
44.7160

■ 32.4595, 30.6979,
52.6471

Harmonies

Analogous

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



25.3581, 25.3124, 7.0301



20.1207, 25.3124, 7.9630



16.5144, 25.3124, 13.0187

Triad

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



20.1207, 25.3124, 7.9630



18.2209, 25.3124, 59.8118



36.2403, 25.3124, 31.3815

Complementary

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



20.1207, 25.3124, 7.9630



9.4998, 6.6288, 27.5684

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.



33.6086, 25.3124, 50.1944



20.1207, 25.3124, 7.9630



22.8044, 25.3124, 70.2200

Square

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



20.1207, 25.3124, 7.9630



15.5407, 25.3124, 41.3295



28.4796, 25.3124, 66.1526



35.2295, 25.3124, 17.2502

Rectangle

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



20.1207, 25.3124, 7.9630



15.2479, 25.3124, 19.6219



28.4796, 25.3124, 66.1526



35.7405, 25.3124, 37.3957

Sweetspot

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



20.1213, 25.3135, 7.9635



43.5019, 48.6635, 37.9935



14.8719, 11.1453, 5.5055



9.5439, 10.7671, 7.9821



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.



20.1213, 25.3135, 7.9635



34.4009, 44.5737, 10.3702



14.9088, 22.6264, 7.7196



5.7485, 6.2385, 5.7905



15.3125, 20.7865, 3.2051



0.1621, 0.2068, 0.0314

Inverse Universe

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



9.4998, 6.6288, 27.5684



13.6557, 7.9911, 48.7962



13.9225, 8.9088, 27.7754



5.2119, 5.2974, 6.7766



4.7505, 1.9426, 23.1017



0.0586, 0.0254, 0.2215

Previews

White Background



This preview shows how the XYZ color 20.1207, 25.3124, 7.9630 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 20.1207, 25.3124, 7.9630 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 20.1207, 25.3124, 7.9630

Background



This preview shows how black text looks on a background with the XYZ color 20.1207, 25.3124, 7.9630.



This preview shows how white text looks on a background with the XYZ color 20.1207, 25.3124,

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

20.1207, 25.3124, 7.9630

Protanopia

22.9639, 25.2447, 7.5333

Deuteranopia

25.5911, 25.1375, 8.2059



Tritanopia

24.8858, 25.2904, 31.1737

Trichromacy



Original Color

20.1207, 25.3124, 7.9630

Protanomaly

21.9657, 25.3750, 7.7431

Deuteranomaly

23.1912, 24.9247, 8.1461

Tritanomaly

22.4805, 24.9373, 19.8482

Monochromacy



Original Color

20.1207, 25.3124, 7.9630

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7140, 23.4535, 16.7998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1207, 25.3124, 7.9630 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(130, 145, 59)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 59)  
}
```

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(130, 145, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 59) }
```

Border

The CSS property to change the border of an element to XYZ 20.1207, 25.3124, 7.9630 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(130, 145, 59) }
```


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

```
.border{ border-color:rgb(130, 145, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 59);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1207, 25.3124, 7.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 59) }
```

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

```
.background{ background-color: rgb(130,  
145, 59) }
```

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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