

Converting Colors

XYZ(20.1133, 25.8027, 6.4030)

Have a look what the booklet for
XYZ(20.1133, 25.8027, 6.4030)
contains.

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Color

**XYZ(20.1133, 25.8027,
6.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	82932D
RGB	130, 147, 45
RGB Percent	51%, 58%, 18%
CMY	0.4902, 0.4235, 0.8235
CMYK	0.12, 0.00, 0.69, 0.42
HSL	70°, 53%, 38%
HSV	70°, 69%, 58%
XYZ	20.1133, 25.8027, 6.4030
YIQ	130.2890, 22.6100, -35.3260

Conversions

Conversions Part 2

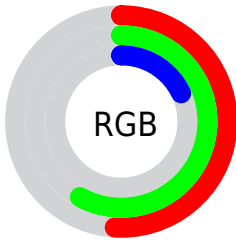
Format	Color
R_{YB}	45, 147, 62
Decimal	8557357
CIE _{Lab}	57.85, -20.36, 49.55
CIE _{LCh}	58, 53.572, 112.337
Yxy	25.8027, 0.3844, 0.4932
Android (android.graphics.Color)	4286747437 (0xFF82932D)
YUV	130.2890, -42.0475, -0.2535
Hunter-Lab	50.7964, -18.2149, 28.0838

Details

The XYZ color **20.1133, 25.8027, 6.4030** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.1924, 5.0081, 28.1401**, and the grayscale version is **21.4599, 22.5775, 24.5869**.

A 20% lighter version of the original color is **43.0519, 52.9506, 19.2607**, and **7.2434, 9.9435, 1.5375** is the 20% darker color. If you saturate the color by 10%, you get **19.5069, 25.5182, 5.1461**, and if you desaturate by 10%, it is **20.8284, 26.1336, 8.1806**.

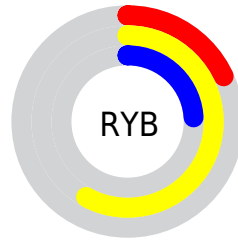
Distribution



Red (51%)

Green (58%)

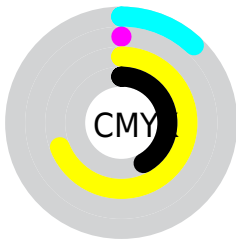
Blue (18%)



Red (18%)

Yellow (58%)

Blue (24%)

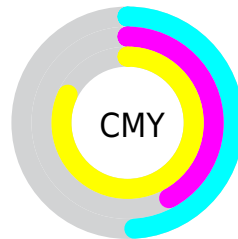


Cyan (12%)

Magenta (0%)

Yellow (69%)

Black (42%)



Cyan (49%)


Magenta (42%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.1133, 25.8027, 6.4030 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 20.1133, 25.8027, 6.4030 by changing the saturation by 10% instead.


 20.1133, 25.8027,
6.4030


 20.1133, 25.8027,
6.4030


245.3497,
281.8122, 172.0448


 12.5862, 16.6761,
3.0189


 43.1096, 52.9565,
19.2537

 7.2192, 10.0038,
1.1043


 59.3094, 71.7524,
29.5574


 3.6471, 5.4015,
0.0000

 79.1308, 94.5403,
43.0048

 1.5045, 2.4847,
0.0000

 102.9392,
121.7045, 60.0143

 0.3289, 0.8690,
0.0000

 131.1000,
153.6294, 81.0045

 0.0000, 0.0000,
0.0000

 163.9784,

190.6994, 106.3940

201.9399,
233.2988, 136.6012

■ 20.1133, 25.8027,
6.4030

■ 20.1133, 25.8027,
6.4030

■ 19.5069, 25.5182,
5.1461

■ 20.8284, 26.1336,
8.1806

■ 18.9967, 25.2722,
4.3516

■ 21.6597, 26.5111,
10.5258

■ 18.5573, 25.0556,
3.8841

■ 22.6161, 26.9397,
13.4822

■ 18.5309, 25.0426,
3.8570

■ 23.7050, 27.4224,
17.0886

■ 24.9332, 27.9618,
21.3806

■ 26.3070, 28.5606,
26.3912

■ 27.8325, 29.2210,
32.1514

■ 29.5150, 29.9454,
38.6903

■ 31.3600, 30.7359,
46.0354

Harmonies

Analogous

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



26.2131, 25.8027, 5.5675



20.1133, 25.8027, 6.4030



15.9705, 25.8027, 11.5200

Triad

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



20.1133, 25.8027, 6.4030



17.7103, 25.8027, 66.5553



38.9571, 25.8027, 33.0936

Complementary

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



20.1133, 25.8027, 6.4030



8.1924, 5.0081, 28.1401

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.



35.6907, 25.8027, 55.8101



20.1133, 25.8027, 6.4030



22.9104, 25.8027, 79.9321

Square

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



20.1133, 25.8027, 6.4030



14.7619, 25.8027, 43.8424



29.5381, 25.8027, 75.3169



37.8533, 25.8027, 16.6575

Rectangle

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



20.1133, 25.8027, 6.4030



14.5170, 25.8027, 18.6502



29.5381, 25.8027, 75.3169



38.3165, 25.8027, 40.2864

Sweetspot

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



20.1139, 25.8039, 6.4035



44.1787, 49.8669, 36.6122



14.2298, 9.8385, 3.6320



9.9575, 11.3276, 7.9086



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.



20.1139, 25.8039, 6.4035



34.4260, 45.4544, 8.3624



14.1328, 22.7205, 6.1236



6.1715, 6.6963, 6.2077



16.0822, 21.7185, 3.3445



0.2171, 0.2763, 0.0419

Inverse Universe

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



8.1924, 5.0081, 28.1401



11.7641, 5.7625, 49.9268



13.0158, 7.4947, 28.3659



5.5843, 5.6767, 7.2711



4.9181, 2.0079, 24.0594



0.0772, 0.0333, 0.2953

Previews

White Background



This preview shows how the XYZ color 20.1133, 25.8027, 6.4030 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 20.1133, 25.8027, 6.4030 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 20.1133, 25.8027, 6.4030

Background



This preview shows how black text looks on a background with the XYZ color 20.1133, 25.8027, 6.4030.



This preview shows how white text looks on a background with the XYZ color 20.1133, 25.8027,

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

20.1133, 25.8027, 6.4030

Protanopia

23.1862, 25.6082, 6.0063

Deuteranopia

26.0606, 25.6171, 6.5887



Tritanopia

25.1062, 25.6049, 31.6360

Trichromacy



Original Color

20.1133, 25.8027, 6.4030

Protanomaly

21.9817, 25.6388, 6.1731

Deuteranomaly

23.3838, 25.2728, 6.4420

Tritanomaly

22.5475, 25.4317, 18.7594

Monochromacy



Original Color

20.1133, 25.8027, 6.4030

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.2622, 23.2550, 15.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1133, 25.8027, 6.4030 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, 147, 45)` looks like.

```
.text, #text, p{  
    color:rgb(130, 147, 45)  
}
```

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, 147, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 147, 45) }
```

Border

The CSS property to change the border of an element to XYZ 20.1133, 25.8027, 6.4030 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, 147, 45) }
```


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

```
.border{ border-color:rgb(130, 147, 45) }
```

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

Here you see how a box with a 4 pixel rgb(130, 147, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 147, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 147, 45);  
box-shadow:4px 4px 4px 4px rgb(130, 147,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1133, 25.8027, 6.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 147, 45) }
```

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

```
.background{ background-color: rgb(130,  
147, 45) }
```

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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