

Converting Colors

XYZ(20.5816, 25.6791, 12.9598)

Have a look what the booklet for
XYZ(20.5816, 25.6791, 12.9598)
contains.

XYZ(20.6034, 25.6815, 12.8879)	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(20.6034, 25.6815,
12.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9257
RGB	126, 146, 87
RGB Percent	49%, 57%, 34%
CMY	0.5059, 0.4274, 0.6588
CMYK	0.14, 0.00, 0.40, 0.43
HSL	80°, 25%, 46%
HSV	80°, 40%, 57%
XYZ	20.6034, 25.6815, 12.8879
YIQ	133.2940, 7.0190, -22.5890

Conversions

Conversions Part 2

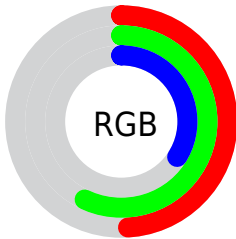
Format	Color
RYB	87, 146, 107
Decimal	8294999
CIELab	57.73, -17.46, 28.93
CIELCh	58, 33.789, 121.114
Yxy	25.6815, 0.3482, 0.4340
Android (android.graphics.Color)	4286485079 (0xFF7E9257)
YUV	133.2940, -22.8229, -6.3968
Hunter-Lab	50.6769, -16.1130, 20.3955

Details

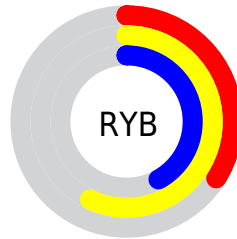
The XYZ color **20.6034, 25.6815, 12.8879** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6608, 12.0181, 28.7426**, and the grayscale version is **22.4809, 23.6517, 25.7567**.

A 20% lighter version of the original color is **44.0641, 52.8468, 31.9228**, and **7.4557, 9.8741, 3.5204** is the 20% darker color. If you saturate the color by 10%, you get **19.3545, 25.1006, 10.0245**, and if you desaturate by 10%, it is **22.0104, 26.3316, 16.3895**.

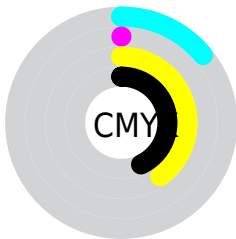
Distribution



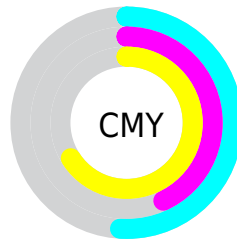
- Red (49%)
- Green (57%)
- Blue (34%)



- Red (34%)
- Yellow (57%)
- Blue (42%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6034, 25.6815, 12.8879 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 20.6034, 25.6815, 12.8879 by changing the saturation by 10% instead.

■ 20.6034, 25.6815,
12.8879

■ 20.6034, 25.6815,
12.8879

247.9350,
281.2151, 221.3805

■ 12.9452, 16.5855,
7.2216

■ 43.9228, 52.7607,
31.7905

■ 7.4676, 9.9394,
3.5205

■ 60.3147, 71.5127,
45.8638

■ 3.8051, 5.3588,
1.3662

■ 80.3486, 94.2521,
63.5766

■ 1.5925, 2.4593,
0.1151

■ 104.3899,
121.3634, 85.3473

■ 0.3875, 0.8561,
0.0000

■ 132.8037,
153.2310, 111.5945

■ 0.0000, 0.0000,
0.0000

165.9557,

190.2392, 142.7367

204.2110,
232.7724, 179.1926

■ 20.6034, 25.6815,
12.8879

■ 20.6034, 25.6815,
12.8879

■ 19.3545, 25.1006,
10.0245

■ 22.0104, 26.3316,
16.3895

■ 18.2540, 24.5822,
7.7592

■ 23.5807, 27.0504,
20.5631

■ 17.2937, 24.1240,
6.0498

■ 25.3218, 27.8418,
25.4420

■ 16.4641, 23.7221,
4.8477

■ 27.2399, 28.7083,
31.0568

■ 15.7537, 23.3718,
4.0964

■ 29.3410, 29.6524,
37.4363

■ 15.1566, 23.0731,
3.6547

■ 31.6306, 30.6764,
44.6076

■ 34.1143, 31.7825,
52.5969

■ 36.7970, 32.9728,
61.4287

■ 39.6838, 34.2494,
71.1268

Harmonies

Analogous

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



24.2584, 25.6815, 11.0695



20.6034, 25.6815, 12.8879



18.2076, 25.6815, 18.5156

Triad

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



20.6034, 25.6815, 12.8879



20.8385, 25.6815, 52.3814



33.0502, 25.6815, 27.5315

Complementary

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



20.6034, 25.6815, 12.8879



14.6608, 12.0181, 28.7426

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.



31.8805, 25.6815, 40.1758



20.6034, 25.6815, 12.8879



24.5612, 25.6815, 56.7043

Square

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



20.6034, 25.6815, 12.8879



18.3324, 25.6815, 41.1395



28.6576, 25.6815, 51.7254



31.7000, 25.6815, 17.9510

Rectangle

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



20.6034, 25.6815, 12.8879



17.4972, 25.6815, 24.6581



28.6576, 25.6815, 51.7254



32.9377, 25.6815, 31.5503

Sweetspot

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



20.6040, 25.6826, 12.8884



44.0827, 48.8480, 43.2085



18.7983, 17.2459, 11.3552



9.7284, 10.8312, 9.3902



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.



20.6040, 25.6826, 12.8884



34.4427, 44.4188, 18.3444



16.9120, 23.7793, 12.7157



6.0764, 6.6472, 6.2032



13.3615, 20.3160, 3.2172



0.1951, 0.2649, 0.0409

Inverse Universe

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



14.6608, 12.0181, 28.7426



22.5597, 17.0736, 50.0801



18.7778, 14.1405, 28.9352



5.6738, 5.7228, 7.2753



5.7235, 2.4231, 24.0971



0.0992, 0.0447, 0.2963

Previews

White Background



This preview shows how the XYZ color 20.6034, 25.6815, 12.8879 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 20.6034, 25.6815, 12.8879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

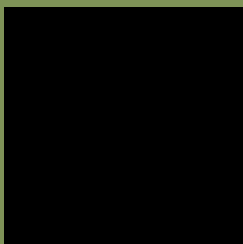
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

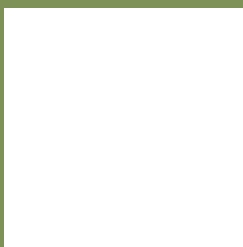
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6034, 25.6815, 12.8879

Background



This preview shows how black text looks on a background with the XYZ color 20.6034, 25.6815, 12.8879.



This preview shows how white text looks on a background with the XYZ color 20.6034, 25.6815,

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

20.6034, 25.6815, 12.8879

Protanopia

23.4512, 25.3964, 12.0535

Deuteranopia

25.8226, 25.3477, 13.2045



Tritanopia

24.5692, 25.7356, 32.5267

Trichromacy



Original Color

20.6034, 25.6815, 12.8879

Protanomaly

22.3199, 25.4564, 12.3315

Deuteranomaly

23.5113, 25.1919, 13.0745

Tritanomaly

22.8638, 25.7036, 23.8349

Monochromacy



Original Color

20.6034, 25.6815, 12.8879

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4468, 24.1837, 20.0606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6034, 25.6815, 12.8879 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(126, 146, 87)` looks like.

```
.text, #text, p{  
    color:rgb(126, 146, 87)  
}
```

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(126, 146, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 146, 87) }
```

Border

The CSS property to change the border of an element to XYZ 20.6034, 25.6815, 12.8879 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(126, 146, 87) }
```


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

```
.border{ border-color:rgb(126, 146, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 146, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 146, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 146, 87);  
box-shadow:4px 4px 4px 4px rgb(126, 146,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6034, 25.6815, 12.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 146, 87) }
```

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

```
.background{ background-color: rgb(126,  
146, 87) }
```

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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