

Converting Colors

XYZ(20.5441, 26.7830, 20.8577)

Have a look what the booklet for
XYZ(20.5441, 26.7830, 20.8577)
contains.

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Color

**XYZ(20.6235, 26.9290,
20.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9875
RGB	108, 152, 117
RGB Percent	42%, 60%, 46%
CMY	0.5765, 0.4039, 0.5412
CMYK	0.29, 0.00, 0.23, 0.40
HSL	132°, 18%, 51%
HSV	132°, 29%, 60%
XYZ	20.6235, 26.9290, 20.9405
YIQ	134.8540, -14.9890, -20.2130

Conversions

Conversions Part 2

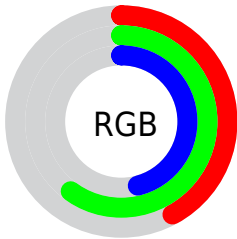
Format	Color
RYB	108, 145, 152
Decimal	7116917
CIELab	58.91, -22.43, 13.71
CIElCh	59, 26.285, 148.566
Yxy	26.9290, 0.3011, 0.3932
Android (android.graphics.Color)	4285306997 (0xFF6C9875)
YUV	134.8540, -8.8020, -23.5510
Hunter-Lab	51.8932, -19.8731, 12.3999

Details

The XYZ color **20.6235, 26.9290, 20.9405** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.2703, 19.3843, 28.5028**, and the grayscale version is **23.0112, 24.2096, 26.3642**.

A 20% lighter version of the original color is **43.7299, 54.4808, 45.7471**, and **7.5315, 10.6668, 7.2922** is the 20% darker color. If you saturate the color by 10%, you get **18.2680, 25.7924, 17.3560**, and if you desaturate by 10%, it is **23.3946, 28.2708, 25.0250**.

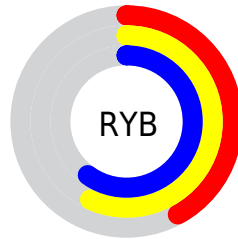
Distribution



Red (42%)

Green (60%)

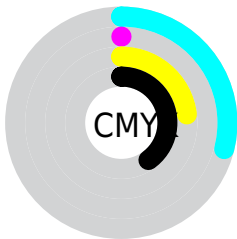
Blue (46%)



Red (42%)

Yellow (57%)

Blue (60%)

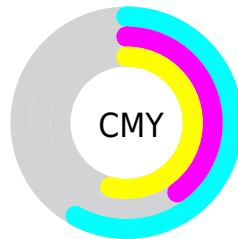


Cyan (29%)

Magenta (0%)

Yellow (23%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6235, 26.9290, 20.9405 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 20.6235, 26.9290, 20.9405 by changing the saturation by 10% instead.

■ 20.6235, 26.9290,
20.9405

■ 20.6235, 26.9290,
20.9405

248.0405,
287.3132, 269.7328

■ 12.9600, 17.5199,
12.8897

■ 43.9561, 54.7699,
45.8680

■ 7.4778, 10.6059,
7.2228

■ 60.3559, 73.9705,
63.5818

■ 3.8116, 5.8025,
3.5213

■ 80.3984, 97.2038,
85.3536

■ 1.5961, 2.7253,
1.3666

■ 104.4491,
124.8540, 111.6021

■ 0.3899, 0.9901,
0.1154

132.8734,
157.3057, 142.7457

■ 0.0000, 0.0000,
0.0000

166.0364,

194.9432, 179.2030

204.3037,
238.1509, 221.3925

■ 20.6235, 26.9290,
20.9405

■ 20.6235, 26.9290,
20.9405

■ 18.2680, 25.7924,
17.3560

■ 23.3946, 28.2708,
25.0250

■ 16.3058, 24.8475,
14.2506

■ 26.5980, 29.8237,
29.6258

■ 14.7156, 24.0846,
11.6044

■ 30.2521, 31.5976,
34.7607

■ 13.4732, 23.4918,
9.3955

■ 34.3735, 33.6007,
40.4463

■ 12.5516, 23.0555,
7.6003

■ 38.9781, 35.8408,
46.6981

■ 11.9196, 22.7601,
6.1928

■ 44.0809, 38.3254,
53.5312

■ 11.5144, 22.5741,
5.1429

■ 49.6963, 41.0617,
60.9603

■ 11.4773, 22.5569,
5.0516

■ 55.8381, 44.0563,
68.9992

■ 62.5197, 47.3160,
77.6615

Harmonies

Analogous

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



22.7210, 26.9290, 16.2409



20.6235, 26.9290, 20.9405



19.8409, 26.9290, 28.8752

Triad

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



20.6235, 26.9290, 20.9405



25.4390, 26.9290, 51.1062



31.4872, 26.9290, 21.5668

Complementary

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



20.6235, 26.9290, 20.9405



23.2703, 19.3843, 28.5028

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.



32.3666, 26.9290, 29.7715



20.6235, 26.9290, 20.9405



28.7021, 26.9290, 48.0222

Square

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



20.6235, 26.9290, 20.9405



22.4716, 26.9290, 47.4022



31.3079, 26.9290, 39.6837



28.9956, 26.9290, 16.5451

Rectangle

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



20.6235, 26.9290, 20.9405



20.1150, 26.9290, 35.3984



31.3079, 26.9290, 39.6837



31.9900, 26.9290, 23.9825

Sweetspot

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



20.6242, 26.9301, 20.9411



46.8090, 52.5729, 52.0954



25.2984, 29.3980, 18.5287



10.4551, 11.8599, 11.5788



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6242, 26.9301, 20.9411



33.5239, 46.1418, 32.6064



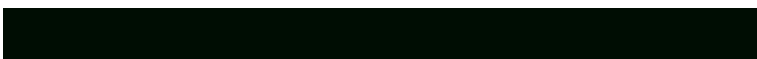
22.0590, 27.5041, 28.4967



6.1813, 6.9452, 6.8780



9.6326, 18.9165, 4.2858



0.1550, 0.2872, 0.1222

Inverse Universe

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



23.2703, 19.3843, 28.5028



39.0006, 30.5136, 48.2492



21.7758, 18.7865, 20.6326



6.4071, 6.3020, 7.5237



13.7577, 6.7573, 15.7811



0.2179, 0.1059, 0.3002

Previews

White Background



This preview shows how the XYZ color 20.6235, 26.9290, 20.9405 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 20.6235, 26.9290, 20.9405 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 20.6235, 26.9290, 20.9405

Background



This preview shows how black text looks on a background with the XYZ color 20.6235, 26.9290, 20.9405.



This preview shows how white text looks on a background with the XYZ color 20.6235, 26.9290,

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

20.6235, 26.9290, 20.9405

Protanopia

25.0272, 26.7036, 19.1645

Deuteranopia

27.0946, 26.6458, 21.4844



Tritanopia

23.6529, 26.7394, 36.2623

Trichromacy



Original Color

20.6235, 26.9290, 20.9405

Protanomaly

23.1543, 26.6166, 19.8367

Deuteranomaly

24.1581, 26.4287, 21.2807

Tritanomaly

22.3579, 26.6737, 29.9568

Monochromacy



Original Color

20.6235, 26.9290, 20.9405

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.8786, 24.9682, 24.0883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6235, 26.9290, 20.9405 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(108, 152, 117)` looks like.

```
.text, #text, p{  
    color:rgb(108, 152, 117)  
}
```

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(108, 152, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 152, 117) }
```

Border

The CSS property to change the border of an element to XYZ 20.6235, 26.9290, 20.9405 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(108, 152, 117) }
```


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

```
.border{ border-color:rgb(108, 152, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 152, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 152, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 152, 117); box-shadow:4px 4px 4px 4px rgb(108, 152, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6235, 26.9290, 20.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 152, 117) }
```

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

```
.background{ background-color: rgb(108,  
152, 117) }
```

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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