

Converting Colors

XYZ(20.6751, 25.2886, 14.6413)

Have a look what the booklet for
XYZ(20.6751, 25.2886, 14.6413)
contains.

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Color

**XYZ(20.6430, 25.2084,
14.6042)**

Conversions

Conversions Part 1

Format	Color
Hex	7E905F
RGB	126, 144, 95
RGB Percent	49%, 56%, 37%
CMY	0.5059, 0.4353, 0.6274
CMYK	0.13, 0.00, 0.34, 0.44
HSL	82°, 21%, 47%
HSV	82°, 34%, 56%
XYZ	20.6430, 25.2084, 14.6042
YIQ	133.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

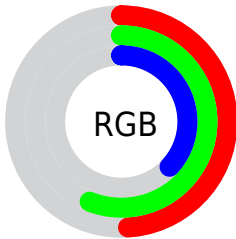
Format	Color
R _Y B	95, 144, 113
Decimal	8294495
CIE Lab	57.28, -15.30, 23.96
CIE LCh	57, 28.434, 122.564
Yxy	25.2084, 0.3415, 0.4170
Android (android.graphics.Color)	4286484575 (0xFF7E905F)
YUV	133.0320, -18.7498, -6.1671
Hunter-Lab	50.2080, -14.4737, 17.8996

Details

The XYZ color **20.6430, 25.2084, 14.6042** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.9374, 13.7095, 28.1932**, and the grayscale version is **22.3714, 23.5364, 25.6312**.

A 20% lighter version of the original color is **43.9728, 52.0472, 34.9226**, and **7.5167, 9.7553, 4.2831** is the 20% darker color. If you saturate the color by 10%, you get **19.2886, 24.5797, 11.4342**, and if you desaturate by 10%, it is **22.1610, 25.9090, 18.4146**.

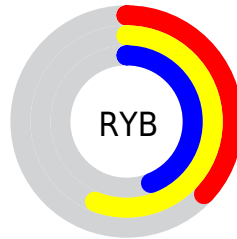
Distribution



Red (49%)

Green (56%)

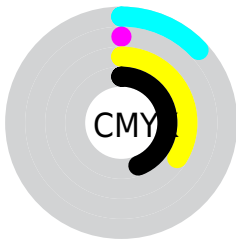
Blue (37%)



Red (37%)

Yellow (56%)

Blue (44%)

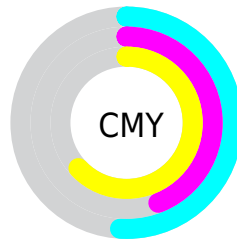


Cyan (13%)

Magenta (0%)

Yellow (34%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6430, 25.2084, 14.6042 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 20.6430, 25.2084, 14.6042 by changing the saturation by 10% instead.

■ 20.6430, 25.2084,
14.6042

■ 20.6430, 25.2084,
14.6042

248.1429,
278.8742, 232.5155

■ 12.9743, 16.2324,
8.3986

■ 43.9884, 51.9951,
34.8897

■ 7.4877, 9.6887,
4.2596

■ 60.3958, 70.5746,
49.8067

■ 3.8180, 5.1931,
1.7688

■ 80.4467, 93.1240,
68.4646

■ 1.5997, 2.3610,
0.4073

■ 104.5066,
120.0278, 91.2818

■ 0.3922, 0.8057,
0.0000

132.9409,
151.6703, 118.6770

■ 0.0000, 0.0000,
0.0000

166.1147,

188.4359, 151.0686

204.3936,
230.7091, 188.8753

■ 20.6430, 25.2084,
14.6042

■ 20.6430, 25.2084,
14.6042

■ 19.2886, 24.5797,
11.4342

■ 22.1610, 25.9090,
18.4146

■ 18.0885, 24.0166,
8.8677

■ 23.8475, 26.6809,
22.8964

■ 17.0355, 23.5170,
6.8667

■ 25.7094, 27.5280,
28.0802

■ 16.1206, 23.0771,
5.3881

■ 27.7528, 28.4526,
33.9946

■ 15.3339, 22.6930,
4.3826

■ 29.9832, 29.4571,
40.6664

■ 14.6633, 22.3597,
3.7900

■ 32.4062, 30.5437,
48.1211

■ 14.2977, 22.1767,
3.5270

■ 35.0269, 31.7145,
56.3832

■ 37.8502, 32.9717,
65.4757

■ 40.8809, 34.3171,
75.4211

Harmonies

Analogous

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



23.6715, 25.2084, 12.7847



20.6430, 25.2084, 14.6042



18.6634, 25.2084, 19.7637

Triad

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



20.6430, 25.2084, 14.6042



21.1003, 25.2084, 47.3994



31.0230, 25.2084, 26.6270

Complementary

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



20.6430, 25.2084, 14.6042



15.9374, 13.7095, 28.1932

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.



30.1739, 25.2084, 36.9026



20.6430, 25.2084, 14.6042



24.2504, 25.2084, 50.4356

Square

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



20.6430, 25.2084, 14.6042



18.9095, 25.2084, 38.6794



27.6142, 25.2084, 46.2162



29.8377, 25.2084, 18.6325

Rectangle

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



20.6430, 25.2084, 14.6042



18.0991, 25.2084, 25.1184



27.6142, 25.2084, 46.2162



30.9661, 25.2084, 29.9167

Sweetspot

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



20.6436, 25.2095, 14.6047



43.2775, 47.6117, 43.7281



19.4695, 18.5592, 13.3830



9.8313, 10.8760, 9.7704



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.



20.6436, 25.2095, 14.6047



34.5177, 43.5833, 21.2961



17.4664, 23.5716, 14.4560



5.6500, 6.1877, 5.7859



12.4763, 19.3244, 3.0724



0.1436, 0.1973, 0.0305

Inverse Universe

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



15.9374, 13.7095, 28.1932



24.8960, 20.0586, 49.0976



19.5204, 15.5566, 28.3609



5.3051, 5.3454, 6.7809



5.6822, 2.4229, 23.1453



0.0771, 0.0349, 0.2224

Previews

White Background



This preview shows how the XYZ color 20.6430, 25.2084, 14.6042 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 20.6430, 25.2084, 14.6042 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 20.6430, 25.2084, 14.6042

Background



This preview shows how black text looks on a background with the XYZ color 20.6430, 25.2084, 14.6042.



This preview shows how white text looks on a background with the XYZ color 20.6430, 25.2084,

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

20.6430, 25.2084, 14.6042

Protanopia

23.2719, 25.0536, 13.7345

Deuteranopia

25.4252, 24.9010, 15.0216



Tritanopia

23.9638, 25.0160, 31.5825

Trichromacy



Original Color

20.6430, 25.2084, 14.6042

Protanomaly

22.3384, 25.2092, 14.0444

Deuteranomaly

23.5395, 24.9554, 14.8855

Tritanomaly

22.5465, 25.0870, 24.4228

Monochromacy



Original Color

20.6430, 25.2084, 14.6042

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4814, 23.9691, 20.9471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6430, 25.2084, 14.6042 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, 144, 95)` looks like.

```
.text, #text, p{  
    color:rgb(126, 144, 95)  
}
```

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, 144, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 144, 95) }
```

Border

The CSS property to change the border of an element to XYZ 20.6430, 25.2084, 14.6042 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, 144, 95) }
```


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

```
.border{ border-color:rgb(126, 144, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 144, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 144, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 144, 95);  
box-shadow:4px 4px 4px 4px rgb(126, 144,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6430, 25.2084, 14.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 144, 95) }
```

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

```
.background{ background-color: rgb(126,  
144, 95) }
```

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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