

Converting Colors

XYZ(20.7323, 25.2945, 14.4937)

Have a look what the booklet for
XYZ(20.7323, 25.2945, 14.4937)
contains.

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Color

**XYZ(20.7460, 25.2667,
14.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	7F905E
RGB	127, 144, 94
RGB Percent	50%, 56%, 37%
CMY	0.5020, 0.4353, 0.6314
CMYK	0.12, 0.00, 0.35, 0.44
HSL	80°, 21%, 47%
HSV	80°, 35%, 56%
XYZ	20.7460, 25.2667, 14.3732
YIQ	133.2170, 5.9180, -19.1540

Conversions

Conversions Part 2

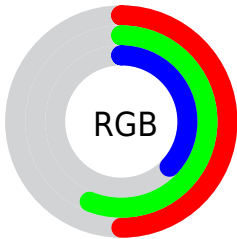
Format	Color
R_{YB}	94, 144, 111
Decimal	8360030
CIE _{Lab}	57.33, -15.05, 24.60
CIE _{LCh}	57, 28.841, 121.451
Yxy	25.2667, 0.3436, 0.4184
Android (android.graphics.Color)	4286550110 (0xFF7F905E)
YUV	133.2170, -19.3340, -5.4523
Hunter-Lab	50.2660, -14.2942, 18.2326

Details

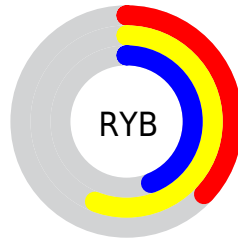
The XYZ color **20.7460, 25.2667, 14.3732** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5934, 13.3993, 28.1515**, and the grayscale version is **22.4407, 23.6094, 25.7106**.

A 20% lighter version of the original color is **44.1273, 52.1358, 34.5255**, and **7.5764, 9.7884, 4.1794** is the 20% darker color. If you saturate the color by 10%, you get **19.4477, 24.6660, 11.2484**, and if you desaturate by 10%, it is **22.2016, 25.9361, 18.1358**.

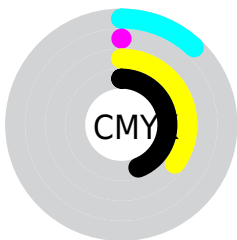
Distribution



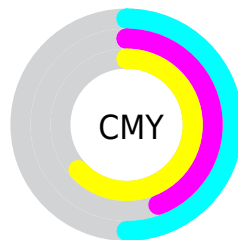
- Red (50%)
- Green (56%)
- Blue (37%)



- Red (37%)
- Yellow (56%)
- Blue (44%)



- Cyan (12%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7460, 25.2667, 14.3732 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 20.7460, 25.2667, 14.3732 by changing the saturation by 10% instead.

■ 20.7460, 25.2667,
14.3732

■ 20.7460, 25.2667,
14.3732

248.6829,
279.1635, 231.0489

■ 13.0499, 16.2759,
8.2390

■ 44.1589, 52.0896,
34.4764

■ 7.5401, 9.7196,
4.1583

■ 60.6064, 70.6904,
49.2824

■ 3.8514, 5.2134,
1.7126

■ 80.7016, 93.2633,
67.8161

■ 1.6184, 2.3730,
0.3693

■ 104.8101,
120.1927, 90.4961

■ 0.4044, 0.8120,
0.0000

133.2971,
151.8631, 117.7408

■ 0.0000, 0.0000,
0.0000

166.5280,

188.6588, 149.9688

204.8681,
230.9641, 187.5987

■ 20.7460, 25.2667,
14.3732

■ 20.7460, 25.2667,
14.3732

■ 19.4477, 24.6660,
11.2484

■ 22.2016, 25.9361,
18.1358

■ 18.2976, 24.1278,
8.7243

■ 23.8194, 26.6737,
22.5672

■ 17.2884, 23.6499,
6.7626


■ 25.6061, 27.4831,
27.6984


■ 16.4114, 23.2288,
5.3199


■ 27.5677, 28.3666,
33.5579


■ 15.6567, 22.8605,
4.3464


■ 29.7097, 29.3267,
40.1727


 15.0113, 22.5397,
3.7776

 32.0375, 30.3655,
47.5685

 14.6966, 22.3823,
3.5456

 34.5562, 31.4850,
55.7696

 37.2705, 32.6872,
64.7993

 40.1853, 33.9741,
74.6800

Harmonies

Analogous

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



23.8491, 25.2667, 12.6562



20.7460, 25.2667, 14.3732



18.6913, 25.2667, 19.4591

Triad

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



20.7460, 25.2667, 14.3732



21.0087, 25.2667, 47.5833



31.2044, 25.2667, 27.0371

Complementary

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



20.7460, 25.2667, 14.3732



15.5934, 13.3993, 28.1515

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.



30.2648, 25.2667, 37.5249



20.7460, 25.2667, 14.3732



24.1821, 25.2667, 50.9494

Square

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



20.7460, 25.2667, 14.3732



18.8326, 25.2667, 38.5498



27.6111, 25.2667, 46.8996



30.0709, 25.2667, 18.8108

Rectangle

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



20.7460, 25.2667, 14.3732



18.0835, 25.2667, 24.8064



27.6111, 25.2667, 46.8996



31.1200, 25.2667, 30.4057

Sweetspot

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



20.7466, 25.2678, 14.3737



43.3956, 47.6726, 43.7336



19.1711, 18.0345, 13.0606



9.8616, 10.8916, 9.7718



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.



20.7466, 25.2678, 14.3737



34.7055, 43.6917, 20.7823



17.5118, 23.6002, 14.2224



5.6639, 6.1948, 5.7866



12.8231, 19.5031, 3.0886



0.1462, 0.1986, 0.0306

Inverse Universe

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



15.5934, 13.3993, 28.1515



24.1580, 19.3837, 49.0062



19.1370, 15.2260, 28.3173



5.2917, 5.3386, 6.7803



5.5086, 2.3334, 23.1371



0.0745, 0.0336, 0.2222

Previews

White Background



This preview shows how the XYZ color 20.7460, 25.2667, 14.3732 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 20.7460, 25.2667, 14.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

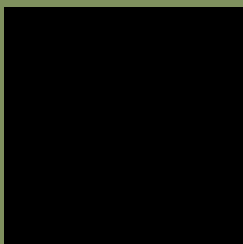
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7460, 25.2667, 14.3732

Background



This preview shows how black text looks on a background with the XYZ color 20.7460, 25.2667, 14.3732.



This preview shows how white text looks on a background with the XYZ color 20.7460, 25.2667,

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

20.7460, 25.2667, 14.3732

Protanopia

23.2284, 25.0362, 13.5057

Deuteranopia

25.7188, 25.2581, 14.8290



Tritanopia

24.1225, 25.0978, 31.5899

Trichromacy



Original Color

20.7460, 25.2667, 14.3732

Protanomaly

22.2944, 25.1916, 13.8126

Deuteranomaly

23.6780, 25.0322, 14.6501

Tritanomaly

22.6344, 25.1400, 24.0816

Monochromacy



Original Color

20.7460, 25.2667, 14.3732

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6355, 24.0485, 20.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7460, 25.2667, 14.3732 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(127, 144, 94)` looks like.

```
.text, #text, p{  
    color:rgb(127, 144, 94)  
}
```

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(127, 144, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 144, 94) }
```

Border

The CSS property to change the border of an element to XYZ 20.7460, 25.2667, 14.3732 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(127, 144, 94) }
```


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

```
.border{ border-color:rgb(127, 144, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 144, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 144, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 144, 94);  
box-shadow:4px 4px 4px 4px rgb(127, 144,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7460, 25.2667, 14.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 144, 94) }
```

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

```
.background{ background-color: rgb(127,  
144, 94) }
```

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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