

Converting Colors

XYZ(20.4065, 25.0968, 14.1246)

Have a look what the booklet for
XYZ(20.4065, 25.0968, 14.1246)
contains.

| | |
|--|----|
| XYZ(20.4065, 25.0968, 14.1246) | 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(20.4065, 25.0968,
14.1246)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7D905D |
| RGB | 125, 144, 93 |
| RGB Percent | 49%, 56%, 36% |
| CMY | 0.5098, 0.4353, 0.6353 |
| CMYK | 0.13, 0.00, 0.35, 0.44 |
| HSL | 82°, 22%, 46% |
| HSV | 82°, 35%, 56% |
| XYZ | 20.4065, 25.0968, 14.1246 |
| YIQ | 132.5050, 5.0470, -19.8890 |

Conversions

Conversions Part 2

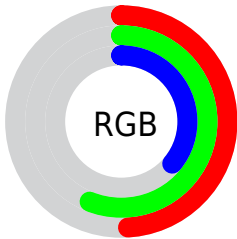
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 93, 144, 112 |
| Decimal | 8228957 |
| CIELab | 57.17, -15.99, 24.91 |
| CIELCh | 57, 29.601, 122.696 |
| Yxy | 25.0968, 0.3422, 0.4209 |
| Android (android.graphics.Color) | 4286419037 (0xFF7D905D) |
| YUV | 132.5050, -19.4760, -6.5819 |
| Hunter-Lab | 50.0967, -14.9587, 18.3511 |

Details

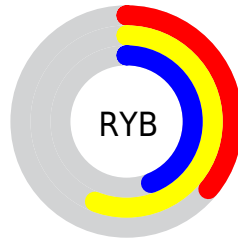
The XYZ color **20.4065, 25.0968, 14.1246** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.6315, 13.2878, 28.1279**, and the grayscale version is **22.1822, 23.3374, 25.4145**.

A 20% lighter version of the original color is **43.5882, 51.8668, 34.0995**, and **7.3975, 9.6985, 4.0669** is the 20% darker color. If you saturate the color by 10%, you get **19.0658, 24.4733, 11.0402**, and if you desaturate by 10%, it is **21.9110, 25.7924, 17.8447**.

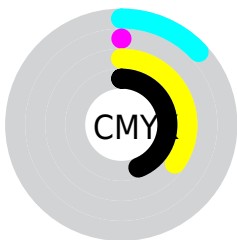
Distribution



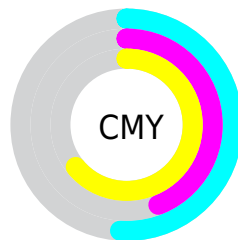
- Red (49%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4065, 25.0968, 14.1246 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 20.4065, 25.0968, 14.1246 by changing the saturation by 10% instead.

■ 20.4065, 25.0968,
14.1246

■ 20.4065, 25.0968,
14.1246

246.8992,
278.3197, 229.4599

■ 12.8009, 16.1492,
8.0676

■ 43.5964, 51.8142,
34.0303

■ 7.3676, 9.6298,
4.0499

■ 59.9114, 70.3528,
48.7160

■ 3.7414, 5.1542,
1.6527

■ 79.8602, 92.8572,
67.1151

■ 1.5569, 2.3380,
0.3280

■ 103.8082,
119.7118, 89.6462

■ 0.3641, 0.7937,
0.0000

132.1208,
151.3009, 116.7276

■ 0.0000, 0.0000,
0.0000

165.1632,

188.0090, 148.7780

203.3009,
230.2204, 186.2159

■ 20.4065, 25.0968,
14.1246

■ 20.4065, 25.0968,
14.1246

■ 19.0658, 24.4733,
11.0402

■ 21.9110, 25.7924,
17.8447

■ 17.8794, 23.9155,
8.5543

■ 23.5842, 26.5596,
22.2317

■ 16.8400, 23.4212,
6.6283


■ 25.4331, 27.4021,
27.3169


■ 15.9386, 22.9868,
5.2183


■ 27.4640, 28.3225,
33.1287


■ 15.1648, 22.6080,
4.2740


■ 29.6824, 29.3231,
39.6945

 14.5046, 22.2791,
3.7253

 32.0938, 30.4062,
47.0397

 14.2242, 22.1387,
3.5235

 34.7035, 31.5739,
55.1890

 37.5165, 32.8283,
64.1657

 40.5377, 34.1713,
73.9922

Harmonies

Analogous

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



23.5393, 25.0968, 12.2636



20.4065, 25.0968, 14.1246



18.3695, 25.0968, 19.4182

Triad

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



20.4065, 25.0968, 14.1246



20.9036, 25.0968, 48.2298



31.2114, 25.0968, 26.4314

Complementary

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



20.4065, 25.0968, 14.1246



15.6315, 13.2878, 28.1279

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.



30.3335, 25.0968, 37.1335



20.4065, 25.0968, 14.1246



24.1710, 25.0968, 51.3955

Square

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



20.4065, 25.0968, 14.1246



18.6362, 25.0968, 39.0893



27.6689, 25.0968, 46.9205



29.9642, 25.0968, 18.1969

Rectangle

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



20.4065, 25.0968, 14.1246



17.7927, 25.0968, 24.9528



27.6689, 25.0968, 46.9205



31.1551, 25.0968, 29.8454

Sweetspot

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



20.4071, 25.0979, 14.1251



42.9233, 47.4489, 42.8158



19.2394, 18.2427, 12.8635



9.7552, 10.8409, 9.5779



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.



20.4071, 25.0979, 14.1251



33.9709, 43.3243, 20.2364



17.1833, 23.4360, 13.9743



5.6474, 6.1864, 5.7858



12.4125, 19.2915, 3.0694



0.1431, 0.1970, 0.0305

Inverse Universe

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



15.6315, 13.2878, 28.1279



24.1858, 19.1098, 48.9518



19.2987, 15.1783, 28.2995



5.3076, 5.3467, 6.7811



5.7168, 2.4407, 23.1469



0.0776, 0.0352, 0.2224

Previews

White Background



This preview shows how the XYZ color 20.4065, 25.0968, 14.1246 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 20.4065, 25.0968, 14.1246 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 20.4065, 25.0968, 14.1246

Background



This preview shows how black text looks on a background with the XYZ color 20.4065, 25.0968, 14.1246.



This preview shows how white text looks on a background with the XYZ color 20.4065, 25.0968,

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

20.4065, 25.0968, 14.1246

Protanopia

23.1855, 25.0191, 13.2800

Deuteranopia

25.3319, 24.8637, 14.5304



Tritanopia

23.9638, 25.0160, 31.5825

Trichromacy



Original Color

20.4065, 25.0968, 14.1246

Protanomaly

22.0816, 25.0869, 13.5760

Deuteranomaly

23.2641, 24.8241, 14.3919

Tritanomaly

22.4803, 25.0605, 24.0744

Monochromacy



Original Color

20.4065, 25.0968, 14.1246

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4216, 23.9452, 20.6324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4065, 25.0968, 14.1246 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(125, 144, 93)` looks like.

```
.text, #text, p{  
    color:rgb(125, 144, 93)  
}
```

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(125, 144, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 144, 93) }
```

Border

The CSS property to change the border of an element to XYZ 20.4065, 25.0968, 14.1246 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(125, 144, 93) }
```


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

```
.border{ border-color:rgb(125, 144, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 144, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 144, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 144, 93);  
box-shadow:4px 4px 4px 4px rgb(125, 144,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4065, 25.0968, 14.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 144, 93) }
```

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

```
.background{ background-color: rgb(125,  
144, 93) }
```

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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