

Converting Colors

XYZ(20.9636, 21.6368, 5.6562)

Have a look what the booklet for
XYZ(20.9636, 21.6368, 5.6562)
contains.

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Color

**XYZ(20.9636, 21.6368,
5.6562)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 997D2E |
| RGB | 153, 125, 46 |
| RGB Percent | 60%, 49%, 18% |
| CMY | 0.4000, 0.5098, 0.8196 |
| CMYK | 0.00, 0.18, 0.70, 0.40 |
| HSL | 44°, 54%, 39% |
| HSV | 44°, 70%, 60% |
| XYZ | 20.9636, 21.6368, 5.6562 |
| YIQ | 124.3660, 42.0470, -18.6330 |

Conversions

Conversions Part 2

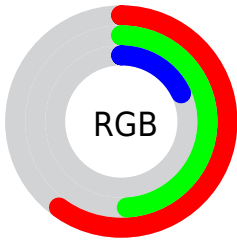
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 84, 153, 46 |
| Decimal | 10059054 |
| CIE _{Lab} | 53.64, 1.93, 45.44 |
| CIE _{LCh} | 54, 45.484, 87.573 |
| Yxy | 21.6368, 0.4344, 0.4484 |
| Android (android.graphics.Color) | 4288249134 (0xFF997D2E) |
| YUV | 124.3660, -38.6344, 25.1120 |
| Hunter-Lab | 46.5154, -0.9553, 25.3512 |

Details

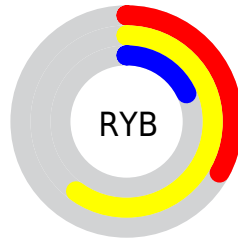
The XYZ color **20.9636, 21.6368, 5.6562** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.3252, 7.7780, 31.1465**, and the grayscale version is **19.3962, 20.4063, 22.2224**.

A 20% lighter version of the original color is **44.4118, 45.9904, 17.6026**, and **7.6214, 7.7656, 1.0972** is the 20% darker color. If you saturate the color by 10%, you get **20.2177, 20.5446, 4.1758**, and if you desaturate by 10%, it is **21.8385, 22.8149, 7.7104**.

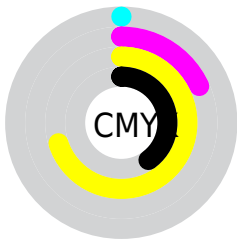
Distribution



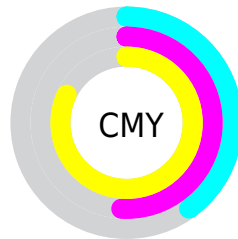
- Red (60%)
- Green (49%)
- Blue (18%)



- Red (33%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (40%)





- Cyan (40%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9636, 21.6368, 5.6562 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 20.9636, 21.6368, 5.6562 by changing the saturation by 10% instead.


 20.9636, 21.6368,
5.6562


 20.9636, 21.6368,
5.6562


249.8204,
260.6436, 165.1604


 13.2097, 13.5903,
2.5718


 44.5187, 46.1450,
17.6782


 7.6511, 7.8363,
0.8778


 61.0506, 63.3754,
27.4529

 3.9224, 3.9903,
0.0000

 81.2392, 84.4359,
40.2947

 1.6583, 1.6682,
0.0000

 105.4499,
109.7109, 56.6223

 0.4300, 0.4029,
0.0000

 134.0480,
139.5848, 76.8541

 0.0000, 0.0000,
0.0000

 167.3988,

174.4419, 101.4087

205.8679,
214.6668, 130.7046

■ 20.9636, 21.6368,
5.6562

■ 20.9636, 21.6368,
5.6562

■ 20.2177, 20.5446,
4.1758

■ 21.8385, 22.8149,
7.7104

■ 19.5869, 19.5300,
3.2045

■ 22.8513, 24.0804,
10.3914

■ 19.0419, 18.5816,
2.5859

■ 24.0119, 25.4385,
13.7474

■ 19.0383, 18.5754,
2.5820

■ 25.3286, 26.8928,
17.8216

■ 26.8093, 28.4468,
22.6537

■ 28.4610, 30.1037,
28.2803

■ 30.2905, 31.8666,
34.7356

■ 32.3041, 33.7383,
42.0520

■ 34.5078, 35.7215,
50.2600

Harmonies

Analogous

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



25.9964, 21.6368, 7.4158



20.9636, 21.6368, 5.6562



16.5344, 21.6368, 6.9034

Triad

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



20.9636, 21.6368, 5.6562



13.3416, 21.6368, 38.2515



29.5082, 21.6368, 41.0293

Complementary

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



20.9636, 21.6368, 5.6562



9.3252, 7.7780, 31.1465

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.



25.2029, 21.6368, 56.1526



20.9636, 21.6368, 5.6562



15.9485, 21.6368, 54.1536

Square

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



20.9636, 21.6368, 5.6562



12.5677, 21.6368, 22.4430



20.1717, 21.6368, 61.7094



31.3906, 21.6368, 24.7110

Rectangle

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



20.9636, 21.6368, 5.6562



14.4077, 21.6368, 9.7191



20.1717, 21.6368, 61.7094



28.2661, 21.6368, 46.6312

Sweetspot

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



20.9641, 21.6378, 5.6566



47.6008, 50.5215, 39.1997



15.3680, 9.2281, 7.5447



10.3603, 10.9995, 8.1599



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.



20.9641, 21.6378, 5.6566



35.5373, 35.7363, 6.3788



20.7914, 27.5713, 6.8110



6.5721, 6.9492, 6.6008



15.7630, 15.4084, 2.1433



0.2645, 0.2880, 0.0417

Inverse Universe

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



9.3252, 7.7780, 31.1465



13.4402, 9.5286, 55.1028



9.3230, 5.5925, 30.7248



6.0094, 6.2761, 7.8237



5.4042, 3.2051, 25.2415



0.1073, 0.1008, 0.3862

Previews

White Background



This preview shows how the XYZ color 20.9636, 21.6368, 5.6562 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 20.9636, 21.6368, 5.6562 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 20.9636, 21.6368, 5.6562

Background



This preview shows how black text looks on a background with the XYZ color 20.9636, 21.6368, 5.6562.



This preview shows how white text looks on a background with the XYZ color 20.9636, 21.6368,

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

20.9636, 21.6368, 5.6562

Protanopia

19.6910, 21.7454, 5.8488

Deuteranopia

21.9698, 21.5979, 5.7002



Tritanopia

24.4253, 21.5999, 22.6205

Trichromacy



Original Color

20.9636, 21.6368, 5.6562

Protanomaly

20.2649, 21.8466, 5.8381

Deuteranomaly

21.5007, 21.5393, 5.7136

Tritanomaly

22.7788, 21.4641, 14.2517

Monochromacy



Original Color

20.9636, 21.6368, 5.6562

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.3106, 20.4107, 13.9882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9636, 21.6368, 5.6562 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(153, 125, 46)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 46)  
}
```

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(153, 125, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 46) }
```

Border

The CSS property to change the border of an element to XYZ 20.9636, 21.6368, 5.6562 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(153, 125, 46) }
```


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

```
.border{ border-color:rgb(153, 125, 46) }
```

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

Here you see how a box with a 4 pixel rgb(153, 125, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 125, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 125, 46);  
box-shadow:4px 4px 4px 4px rgb(153, 125,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9636, 21.6368, 5.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 46) }
```

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

```
.background{ background-color: rgb(153,  
125, 46) }
```

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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