

Converting Colors

XYZ(24.3083, 21.1508, 5.7071)

Have a look what the booklet for
XYZ(24.3083, 21.1508, 5.7071)
contains.

XYZ(24.3640, 21.2621, 5.7256)	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(24.3640, 21.2621,
5.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	B07131
RGB	176, 113, 49
RGB Percent	69%, 44%, 19%
CMY	0.3098, 0.5568, 0.8078
CMYK	0.00, 0.36, 0.72, 0.31
HSL	30°, 56%, 44%
HSV	30°, 72%, 69%
XYZ	24.3640, 21.2621, 5.7256
YIQ	124.5410, 58.0920, -6.5480

Conversions

Conversions Part 2

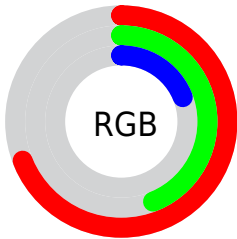
Format	Color
R_{YB}	174, 176, 49
Decimal	11563313
CIE _{Lab}	53.24, 19.19, 44.44
CIE _{LCh}	53, 48.409, 66.643
Yxy	21.2621, 0.4745, 0.4140
Android (android.graphics.Color)	4289753393 (0xFFB07131)
YUV	124.5410, -37.2417, 45.1295
Hunter-Lab	46.1108, 13.6217, 24.9155

Details

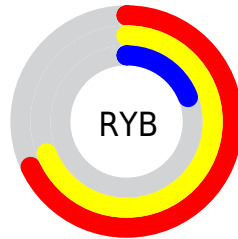
The XYZ color **24.3640, 21.2621, 5.7256** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.8969, 15.3751, 43.2566**, and the grayscale version is **19.4467, 20.4594, 22.2803**.

A 20% lighter version of the original color is **49.9207, 45.4543, 17.6977**, and **9.4980, 7.7025, 0.9861** is the 20% darker color. If you saturate the color by 10%, you get **23.1351, 19.2872, 3.8277**, and if you desaturate by 10%, it is **25.8326, 23.4846, 8.4192**.

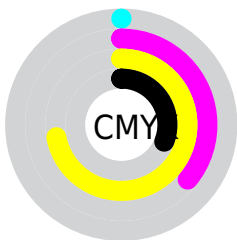
Distribution



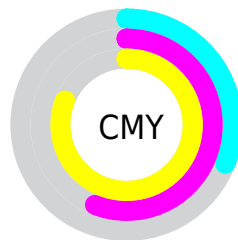
- Red (69%)
- Green (44%)
- Blue (19%)



- Red (68%)
- Yellow (69%)
- Blue (19%)



- Cyan (0%)
- Magenta (36%)
- Yellow (72%)
- Black (31%)





- Cyan (31%)
- Magenta (56%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3640, 21.2621, 5.7256 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 24.3640, 21.2621, 5.7256 by changing the saturation by 10% instead.


 24.3640, 21.2621,
5.7256


 24.3640, 21.2621,
5.7256


267.0621,
258.6681, 165.8167


 15.7301, 13.3157,
2.6129


 50.0739, 45.5233,
17.8264


 9.4230, 7.6463,
0.8991


 67.8806, 62.6070,
27.6515

 5.0774, 3.8695,
0.0000

 89.4755, 83.5052,
40.5512

 2.3280, 1.6008,
0.0000

 115.2241,
108.6023, 56.9439

 0.8089, 0.3582,
0.0000

 145.4917,
138.2828, 77.2483

 0.0000, 0.0000,
0.0000

 180.6437,

172.9310, 101.8829

221.0453,
212.9313, 131.2662

■ 24.3640, 21.2621,
5.7256

■ 24.3640, 21.2621,
5.7256

■ 23.1351, 19.2872,
3.8277

■ 25.8326, 23.4846,
8.4192

■ 22.1238, 17.5441,
2.6288

■ 27.5572, 25.9626,
11.9879

■ 21.4517, 16.3248,
2.0204

■ 29.5538, 28.7073,
16.5023

■ 31.8365, 31.7280,
22.0257

■ 34.4186, 35.0337,
28.6157

■ 37.3121, 38.6328,
36.3255

■ 40.5286, 42.5332,
45.2049

■ 44.0786, 46.7424,
55.3005

■ 47.9726, 51.2679,
66.6564

Harmonies

Analogous

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



29.1714, 21.2621, 10.0812



24.3640, 21.2621, 5.7256



19.0925, 21.2621, 4.9307

Triad

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



24.3640, 21.2621, 5.7256



11.9299, 21.2621, 26.5645



26.6651, 21.2621, 53.9004

Complementary

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



24.3640, 21.2621, 5.7256



14.8969, 15.3751, 43.2566

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.



21.3682, 21.2621, 63.9090



24.3640, 21.2621, 5.7256



13.3006, 21.2621, 44.3576

Square

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



24.3640, 21.2621, 5.7256



12.4582, 21.2621, 13.6837



16.5555, 21.2621, 59.8293



30.6489, 21.2621, 36.2084

Rectangle

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



24.3640, 21.2621, 5.7256



16.1119, 21.2621, 5.9988



16.5555, 21.2621, 59.8293



24.9477, 21.2621, 58.5528

Sweetspot

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



24.3645, 21.2632, 5.7260



62.3119, 63.3980, 51.6060



21.9554, 12.6079, 16.7522



13.2262, 13.3874, 10.4636



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.3645, 21.2632, 5.7260



40.7491, 32.9213, 5.4240



33.9840, 40.5023, 8.9325



8.8384, 9.1894, 8.9604



15.7983, 12.0951, 1.5019



0.5554, 0.4971, 0.0667

Inverse Universe

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



14.8969, 15.3751, 43.2566



22.5772, 21.6262, 77.4796



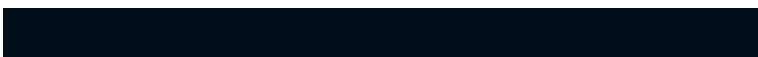
10.2015, 5.9844, 41.6915



8.3785, 8.9032, 10.7832



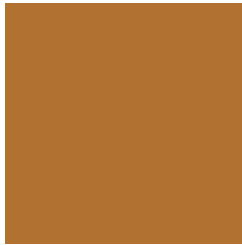
8.3268, 7.4540, 31.1369



0.3204, 0.3513, 0.9992

Previews

White Background



This preview shows how the XYZ color 24.3640, 21.2621, 5.7256 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 24.3640, 21.2621, 5.7256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

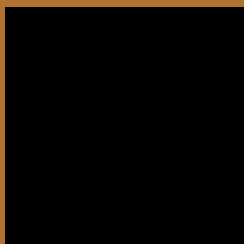
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3640, 21.2621, 5.7256

Background



This preview shows how black text looks on a background with the XYZ color 24.3640, 21.2621, 5.7256.



This preview shows how white text looks on a background with the XYZ color 24.3640, 21.2621,

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

24.3640, 21.2621, 5.7256

Protanopia

19.5171, 21.4462, 6.4790

Deuteranopia

21.6485, 21.2509, 5.6502



Tritanopia

27.0137, 21.2263, 18.5929

Trichromacy



Original Color

24.3640, 21.2621, 5.7256

Protanomaly

21.0292, 21.2839, 6.2487

Deuteranomaly

22.5290, 21.1696, 5.6950

Tritanomaly

25.9045, 21.2592, 12.4110

Monochromacy



Original Color

24.3640, 21.2621, 5.7256

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4966, 20.4671, 14.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3640, 21.2621, 5.7256 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(176, 113, 49)` looks like.

```
.text, #text, p{  
    color:rgb(176, 113, 49)  
}
```

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(176, 113, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 113, 49) }
```

Border

The CSS property to change the border of an element to XYZ 24.3640, 21.2621, 5.7256 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(176, 113, 49) }
```


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

```
.border{ border-color:rgb(176, 113, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 113, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 113, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 113, 49);  
box-shadow:4px 4px 4px 4px rgb(176, 113,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3640, 21.2621, 5.7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 113, 49) }
```

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

```
.background{ background-color: rgb(176,  
113, 49) }
```

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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