

Converting Colors

XYZ(17.5252, 24.2883, 3.9942)

Have a look what the booklet for
XYZ(17.5252, 24.2883, 3.9942)
contains.

XYZ(17.5252, 24.2883, 3.9942)	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(17.5252, 24.2883,
3.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	749208
RGB	116, 146, 8
RGB Percent	45%, 57%, 3%
CMY	0.5451, 0.4274, 0.9686
CMYK	0.21, 0.00, 0.95, 0.43
HSL	73°, 90%, 30%
HSV	73°, 95%, 57%
XYZ	17.5252, 24.2883, 3.9942
YIQ	121.2980, 26.4180, -49.2780

Conversions

Conversions Part 2

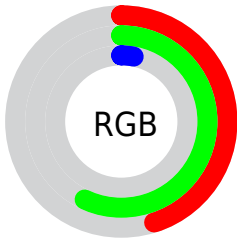
Format	Color
RYB	8, 146, 38
Decimal	7639560
CIELab	56.38, -27.38, 58.33
CIElCh	56, 64.437, 115.143
Yxy	24.2883, 0.3826, 0.5302
Android (android.graphics.Color)	4285829640 (0xFF749208)
YUV	121.2980, -55.8559, -4.6463
Hunter-Lab	49.2832, -22.7705, 29.6930

Details

The XYZ color **17.5252, 24.2883, 3.9942** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.0755, 2.6618, 27.3891**, and the grayscale version is **18.4408, 19.4012, 21.1279**.

A 20% lighter version of the original color is **38.8701, 50.5602, 14.0138**, and **6.1421, 9.2412, 1.4600** is the 20% darker color. If you saturate the color by 10%, you get **17.2524, 24.1535, 3.7528**, and if you desaturate by 10%, it is **18.0619, 24.5535, 4.5778**.

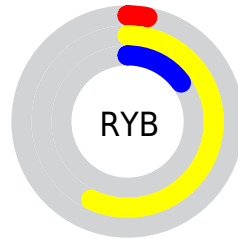
Distribution



Red (45%)

Green (57%)

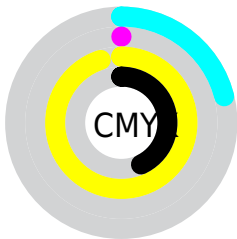
Blue (3%)



Red (3%)

Yellow (57%)

Blue (15%)

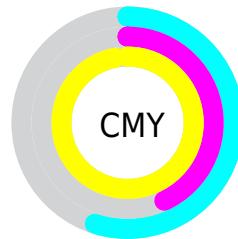


Cyan (21%)

Magenta (0%)

Yellow (95%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5252, 24.2883, 3.9942 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 17.5252, 24.2883, 3.9942 by changing the saturation by 10% instead.

■ 17.5252, 24.2883,
3.9942

■ 17.5252, 24.2883,
3.9942

231.2787,
274.2748, 148.1609

■ 10.7073, 15.5476,
1.6222

■ 38.7631, 50.5003,
13.9964

■ 5.9362, 9.2046,
0.3066

■ 53.9137, 68.7403,
22.4636

■ 2.8466, 4.8749,
0.0000

■ 72.5726, 90.9156,
33.7996

■ 1.0732, 2.1740,
0.0000

■ 95.1051, 117.4106,
48.4230


■ 0.0025, 0.7058,
0.0000


■ 121.8767,
148.6096, 66.7523


■ 0.0000, 0.0000,
0.0000


■ 153.2525,


184.8970, 89.2060


 189.5981,
226.6573, 116.2027


 17.5252, 24.2883,
3.9942


 17.5252, 24.2883,
3.9942


 17.2524, 24.1535,
3.7528

 18.0619, 24.5535,
4.5778

 18.6923, 24.8569,
5.5806

 19.4292, 25.2046,
7.0678

 20.2825, 25.6006,
9.0909

 21.2610, 26.0484,
11.6947

■ 22.3723, 26.5511,
14.9193

■ 23.6236, 27.1116,
18.8013

■ 25.0214, 27.7323,
23.3744

■ 26.5717, 28.4160,
28.6701

Harmonies

Analogous

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



24.3178, 24.2883, 3.0259



17.5252, 24.2883, 3.9942



13.2241, 24.2883, 9.2617

Triad

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



17.5252, 24.2883, 3.9942



15.8368, 24.2883, 76.3207



40.4737, 24.2883, 30.0684

Complementary

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



17.5252, 24.2883, 3.9942



6.0755, 2.6618, 27.3891

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.



36.9257, 24.2883, 57.4505



17.5252, 24.2883, 3.9942



21.8952, 24.2883, 91.8730

Square

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



17.5252, 24.2883, 3.9942



12.4061, 24.2883, 47.9508



29.7122, 24.2883, 83.5700



38.6071, 24.2883, 12.5789

Rectangle

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



17.5252, 24.2883, 3.9942



11.8353, 24.2883, 17.2707



29.7122, 24.2883, 83.5700



39.8562, 24.2883, 38.4026

Sweetspot

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



17.5258, 24.2894, 3.9947



40.7471, 47.4120, 30.2457



12.5888, 7.5094, 1.0160



8.8764, 10.4629, 6.1482



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.



17.5258, 24.2894, 3.9947



30.2863, 42.5315, 6.6131



11.5007, 21.1834, 3.7127



6.1433, 6.6817, 6.2064



15.2006, 21.2641, 3.3032



0.2106, 0.2729, 0.0416

Inverse Universe

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



6.0755, 2.6618, 27.3891



10.0684, 4.1331, 48.2407



11.3277, 5.3694, 27.6349



5.6104, 5.6901, 7.2723



5.0994, 2.1014, 24.0679



0.0836, 0.0367, 0.2956

Previews

White Background



This preview shows how the XYZ color 17.5252, 24.2883, 3.9942 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 17.5252, 24.2883, 3.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

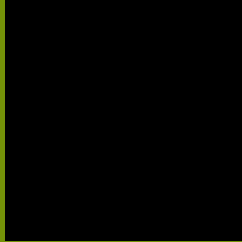
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5252, 24.2883, 3.9942

Background



This preview shows how black text looks on a background with the XYZ color 17.5252, 24.2883, 3.9942.



This preview shows how white text looks on a background with the XYZ color 17.5252, 24.2883,

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

17.5252, 24.2883, 3.9942

Protanopia

21.6129, 24.0033, 3.4940

Deuteranopia

24.4946, 24.0635, 4.3906



Tritanopia

22.8946, 24.2728, 30.6726

Trichromacy



Original Color

17.5252, 24.2883, 3.9942

Protanomaly

19.8965, 23.9608, 3.6624

Deuteranomaly

21.3679, 23.8625, 4.1415

Tritanomaly

19.8016, 23.8858, 14.6331

Monochromacy



Original Color

17.5252, 24.2883, 3.9942

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.0383, 20.4664, 10.6418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5252, 24.2883, 3.9942 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(116, 146, 8)` looks like.

```
.text, #text, p{  
    color:rgb(116, 146, 8)  
}
```

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(116, 146, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 146, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.5252, 24.2883, 3.9942 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(116, 146, 8) }
```


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

```
.border{ border-color:rgb(116, 146, 8) }
```

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

Here you see how a box with a 4 pixel rgb(116, 146, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 146, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 146, 8);  
box-shadow:4px 4px 4px 4px rgb(116, 146,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5252, 24.2883, 3.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 146, 8) }
```

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

```
.background{ background-color: rgb(116,  
146, 8) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor