

Converting Colors

XYZ(17.7944, 24.0169, 7.6753)

Have a look what the booklet for
XYZ(17.7944, 24.0169, 7.6753)
contains.

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Color

**XYZ(17.8285, 24.1337,
7.7216)**

Conversions

Conversions Part 1

Format	Color
Hex	72913A
RGB	114, 145, 58
RGB Percent	45%, 57%, 23%
CMY	0.5529, 0.4314, 0.7725
CMYK	0.21, 0.00, 0.60, 0.43
HSL	81°, 43%, 40%
HSV	81°, 60%, 57%
XYZ	17.8285, 24.1337, 7.7216
YIQ	125.8130, 9.4510, -33.6290

Conversions

Conversions Part 2

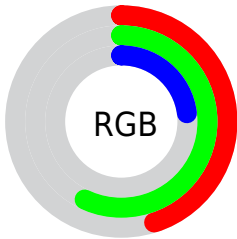
Format	Color
RYB	58, 145, 89
Decimal	7508282
CIELab	56.22, -25.08, 41.74
CIELCh	56, 48.693, 121.005
Yxy	24.1337, 0.3588, 0.4857
Android (android.graphics.Color)	4285698362 (0xFF72913A)
YUV	125.8130, -33.4318, -10.3600
Hunter-Lab	49.1261, -21.1906, 25.0691

Details

The XYZ color **17.8285, 24.1337, 7.7216** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.7448, 7.1950, 27.6120**, and the grayscale version is **19.8759, 20.9110, 22.7721**.

A 20% lighter version of the original color is **39.2786, 50.2544, 21.8172**, and **6.0690, 9.0687, 1.5167** is the 20% darker color. If you saturate the color by 10%, you get **16.8573, 23.6706, 6.0145**, and if you desaturate by 10%, it is **18.9428, 24.6601, 9.9788**.

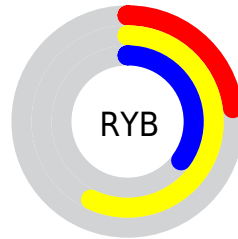
Distribution



Red (45%)

Green (57%)

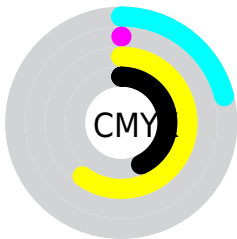
Blue (23%)



Red (23%)

Yellow (57%)

Blue (35%)

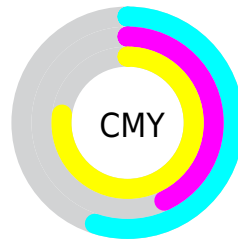


Cyan (21%)

Magenta (0%)

Yellow (60%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8285, 24.1337, 7.7216 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 17.8285, 24.1337, 7.7216 by changing the saturation by 10% instead.

■ 17.8285, 24.1337,
7.7216

■ 17.8285, 24.1337,
7.7216

■ 232.9669,
273.4957, 183.3841

■ 10.9259, 15.4328,
3.8321

■ 39.2773, 50.2483,
21.9479

■ 6.0839, 9.1237,
1.5337

■ 54.5541, 68.4308,
33.1218

■ 2.9373, 4.8220,
0.2428

■ 73.3530, 90.5426,
47.5610

■ 1.1207, 2.1432,
0.0000

■ 96.0395, 116.9682,
65.6839

■ 0.0423, 0.6887,
0.0000

■ 122.9787,
148.0919, 87.9091

■ 0.0000, 0.0000,
0.0000

■ 154.5361,

184.2981, 114.6552

191.0771,
225.9713, 146.3407

■ 17.8285, 24.1337,
7.7216

■ 17.8285, 24.1337,
7.7216

■ 16.8573, 23.6706,
6.0145

■ 18.9428, 24.6601,
9.9788

■ 16.0178, 23.2636,
4.8086

■ 20.2069, 25.2501,
12.8263

■ 15.2995, 22.9094,
4.0491

■ 21.6293, 25.9079,
16.3024

■ 14.6736, 22.5963,
3.5882

■ 23.2171, 26.6364,
20.4419

■ 14.6735, 22.5963,
3.5881

■ 24.9769, 27.4384,
25.2768

■ 26.9149, 28.3165,
30.8370

■ 29.0371, 29.2730,
37.1510

■ 31.3492, 30.3102,
44.2454

■ 33.8563, 31.4305,
52.1456

Harmonies

Analogous

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



22.7501, 24.1337, 5.9356



17.8285, 24.1337, 7.7216



14.7529, 24.1337, 13.9880

Triad

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



17.8285, 24.1337, 7.7216



18.1063, 24.1337, 63.5144



35.4715, 24.1337, 25.7406

Complementary

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



17.8285, 24.1337, 7.7216



10.7448, 7.1950, 27.6120

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.



33.6999, 24.1337, 44.2320



17.8285, 24.1337, 7.7216



23.1276, 24.1337, 70.7215

Square

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



17.8285, 24.1337, 7.7216



14.8940, 24.1337, 45.5702



28.9417, 24.1337, 62.5458



33.4566, 24.1337, 13.3820

Rectangle

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



17.8285, 24.1337, 7.7216



13.8647, 24.1337, 21.7463



28.9417, 24.1337, 62.5458



35.2970, 24.1337, 31.3981

Sweetspot

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



17.8291, 24.1348, 7.7221



42.0667, 47.9236, 37.9264



15.9685, 13.3796, 5.7442



9.1823, 10.5807, 7.9652



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.



17.8291, 24.1348, 7.7221



29.6349, 42.1218, 9.9168



13.4921, 21.8990, 7.5192



5.6556, 6.1906, 5.7862



12.6142, 19.3954, 3.0789



0.1447, 0.1978, 0.0306

Inverse Universe

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



10.7448, 7.1950, 27.6120



15.8137, 8.9737, 48.8722



16.1327, 9.9726, 27.8641



5.2997, 5.3427, 6.7807



5.6104, 2.3858, 23.1419



0.0760, 0.0344, 0.2223

Previews

White Background



This preview shows how the XYZ color 17.8285, 24.1337, 7.7216 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 17.8285, 24.1337, 7.7216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

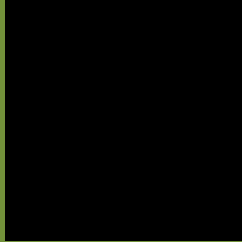
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8285, 24.1337, 7.7216

Background



This preview shows how black text looks on a background with the XYZ color 17.8285, 24.1337, 7.7216.



This preview shows how white text looks on a background with the XYZ color 17.8285, 24.1337,

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

17.8285, 24.1337, 7.7216

Protanopia

21.9312, 24.0878, 7.1079

Deuteranopia

24.3423, 23.9042, 8.0336



Tritanopia

22.5281, 24.0749, 31.0633

Trichromacy



Original Color

17.8285, 24.1337, 7.7216

Protanomaly

20.2630, 24.0691, 7.3192

Deuteranomaly

21.4000, 23.5902, 7.8403

Tritanomaly

20.2123, 23.7680, 19.7420

Monochromacy



Original Color

17.8285, 24.1337, 7.7216

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7625, 21.8522, 15.5409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8285, 24.1337, 7.7216 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(114, 145, 58)` looks like.

```
.text, #text, p{  
    color:rgb(114, 145, 58)  
}
```

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(114, 145, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 145, 58) }
```

Border

The CSS property to change the border of an element to XYZ 17.8285, 24.1337, 7.7216 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(114, 145, 58) }
```


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

```
.border{ border-color:rgb(114, 145, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 145, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 145, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 145, 58);  
box-shadow:4px 4px 4px 4px rgb(114, 145,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8285, 24.1337, 7.7216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 145, 58) }
```

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

```
.background{ background-color: rgb(114,  
145, 58) }
```

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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