

Converting Colors

XYZ(14.6445, 20.7259, 7.8539)

Have a look what the booklet for
XYZ(14.6445, 20.7259, 7.8539)
contains.

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Color

**XYZ(14.6390, 20.7259,
7.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	60893E
RGB	96, 137, 62
RGB Percent	38%, 54%, 24%
CMY	0.6235, 0.4627, 0.7569
CMYK	0.30, 0.00, 0.55, 0.46
HSL	93°, 38%, 39%
HSV	93°, 55%, 54%
XYZ	14.6390, 20.7259, 7.7864
YIQ	116.1910, -0.3610, -32.0170

Conversions

Conversions Part 2

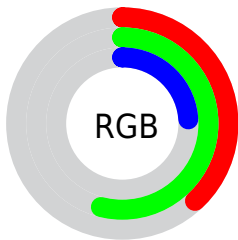
Format	Color
RYB	62, 137, 103
Decimal	6326590
CIELab	52.65, -27.88, 35.34
CIELCh	53, 45.017, 128.268
Yxy	20.7259, 0.3392, 0.4803
Android (android.graphics.Color)	4284516670 (0xFF60893E)
YUV	116.1910, -26.7162, -17.7075
Hunter-Lab	45.5257, -22.2725, 21.7274

Details

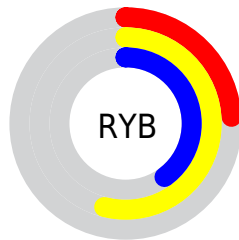
The XYZ color **14.6390, 20.7259, 7.7864** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.8325, 8.1356, 24.6148**, and the grayscale version is **16.7391, 17.6108, 19.1782**.

A 20% lighter version of the original color is **33.9499, 44.8210, 22.1912**, and **4.6076, 7.4263, 1.5713** is the 20% darker color. If you saturate the color by 10%, you get **13.5588, 20.2078, 6.0150**, and if you desaturate by 10%, it is **15.8902, 21.3225, 10.0615**.

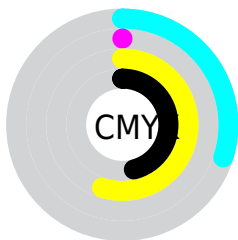
Distribution



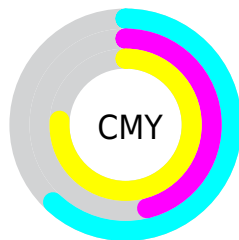
- Red (38%)
- Green (54%)
- Blue (24%)



- Red (24%)
- Yellow (54%)
- Blue (40%)



- Cyan (30%)
- Magenta (0%)
- Yellow (55%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6390, 20.7259, 7.7864 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 14.6390, 20.7259, 7.7864 by changing the saturation by 10% instead.

■ 14.6390, 20.7259,
7.7864

■ 14.6390, 20.7259,
7.7864

214.6026,
255.8182, 183.9185

■ 8.6511, 12.9238,
3.8728

■ 33.7955, 44.6309,
22.0778

■ 4.5696, 7.3761,
1.5558

■ 47.6948, 61.5026,
33.2927

■ 2.0291, 3.6984,
0.2590

■ 64.9619, 82.1663,
47.7785

■ 0.6503, 1.5063,
0.0000

■ 85.9623, 107.0063,
65.9536

■ 0.0000, 0.2932,
0.0000

■ 111.0612,
136.4071, 88.2366

■ 0.0000, 0.0000,
0.0000

■ 140.6239,

170.7531, 115.0460

175.0160,
210.4287, 146.8005

■ 14.6390, 20.7259,
7.7864

■ 14.6390, 20.7259,
7.7864

■ 13.5588, 20.2078,
6.0150

■ 15.8902, 21.3225,
10.0615

■ 12.6386, 19.7614,
4.7075

■ 17.3192, 21.9984,
12.8735

■ 11.8685, 19.3832,
3.8205

■ 18.9346, 22.7581,
16.2539

■ 11.2350, 19.0676,
3.2951

■ 20.7437, 23.6045,
20.2319

■ 10.9391, 18.9197,
3.0753

■ 22.7533, 24.5407,
24.8344

■ 24.9701, 25.5695,
30.0868

■ 27.4001, 26.6936,
36.0129

■ 30.0494, 27.9155,
42.6355

■ 32.9237, 29.2378,
49.9762

Harmonies

Analogous

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



18.4345, 20.7259, 5.4727



14.6390, 20.7259, 7.7864



12.4720, 20.7259, 14.3124

Triad

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



14.6390, 20.7259, 7.7864



16.5543, 20.7259, 55.9332



30.0038, 20.7259, 19.0629

Complementary

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



14.6390, 20.7259, 7.7864



11.8325, 8.1356, 24.6148

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.



29.2874, 20.7259, 33.5069



14.6390, 20.7259, 7.7864



21.0208, 20.7259, 58.8439

Square

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



14.6390, 20.7259, 7.7864



13.4499, 20.7259, 42.5667



25.8091, 20.7259, 49.4217



27.6352, 20.7259, 10.0808

Rectangle

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



14.6390, 20.7259, 7.7864



12.0097, 20.7259, 21.7977



25.8091, 20.7259, 49.4217



30.1223, 20.7259, 23.3542

Sweetspot

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



14.6395, 20.7268, 7.7869



36.6012, 42.0147, 35.0094



15.9382, 15.1697, 6.6458



8.0790, 9.3627, 7.5624



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.6395, 20.7268, 7.7869



23.8055, 35.9573, 10.0570



11.8726, 19.2923, 8.0238



5.1731, 5.7120, 5.3823



10.2028, 17.6297, 2.8651



0.0843, 0.1256, 0.0198

Inverse Universe

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



11.8325, 8.1356, 24.6148



18.2101, 10.9063, 43.5285



16.3780, 10.4994, 23.9020



5.0188, 5.0181, 6.3099



6.9155, 3.0792, 22.2755



0.0628, 0.0292, 0.1488

Previews

White Background



This preview shows how the XYZ color 14.6390, 20.7259, 7.7864 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 14.6390, 20.7259, 7.7864 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 14.6390, 20.7259, 7.7864

Background



This preview shows how black text looks on a background with the XYZ color 14.6390, 20.7259, 7.7864.



This preview shows how white text looks on a background with the XYZ color 14.6390, 20.7259,

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

14.6390, 20.7259, 7.7864

Protanopia

18.7448, 20.4617, 6.9645

Deuteranopia

20.7468, 20.3712, 8.1488



Tritanopia

18.5739, 20.6904, 27.4408

Trichromacy



Original Color

14.6390, 20.7259, 7.7864

Protanomaly

16.8081, 20.2272, 7.1560

Deuteranomaly

17.9307, 20.2089, 7.9567

Tritanomaly

16.7140, 20.5338, 18.1214

Monochromacy



Original Color

14.6390, 20.7259, 7.7864

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.6256, 18.5110, 13.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6390, 20.7259, 7.7864 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(96, 137, 62)` looks like.

```
.text, #text, p{  
    color:rgb(96, 137, 62)  
}
```

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(96, 137, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 137, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.6390, 20.7259, 7.7864 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(96, 137, 62) }
```


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

```
.border{ border-color:rgb(96, 137, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 137, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 137, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 137, 62);  
box-shadow:4px 4px 4px 4px rgb(96, 137,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6390, 20.7259, 7.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 137, 62) }
```

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

```
.background{ background-color: rgb(96, 137,  
62) }
```

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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