

Converting Colors

XYZ(14.1211, 10.6921, 6.3648)

Have a look what the booklet for
XYZ(14.1211, 10.6921, 6.3648)
contains.

XYZ(14.1519, 10.7222, 6.3247)	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(14.1519, 10.7222,
6.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4941
RGB	140, 73, 65
RGB Percent	55%, 29%, 25%
CMY	0.4510, 0.7137, 0.7451
CMYK	0.00, 0.48, 0.54, 0.45
HSL	6°, 37%, 40%
HSV	6°, 54%, 55%
XYZ	14.1519, 10.7222, 6.3247
YIQ	92.1210, 42.5000, 11.7160

Conversions

Conversions Part 2

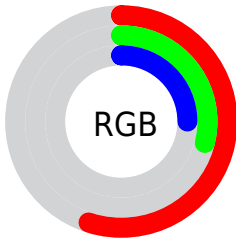
Format	Color
R_{YB}	140, 74, 65
Decimal	9193793
CIE _{Lab}	39.11, 27.47, 17.56
CIE _{LCh}	39, 32.605, 32.584
Yxy	10.7222, 0.4536, 0.3437
Android (android.graphics.Color)	4287383873 (0xFF8C4941)
YUV	92.1210, -13.3707, 41.9899
Hunter-Lab	32.7448, 19.8422, 11.4694

Details

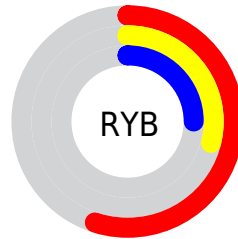
The XYZ color **14.1519, 10.7222, 6.3247** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **15.1643, 19.5187, 27.7791**, and the grayscale version is **10.2239, 10.7563, 11.7136**.

A 20% lighter version of the original color is **32.8285, 27.0939, 19.1222**, and **4.3520, 2.7751, 1.0653** is the 20% darker color. If you saturate the color by 10%, you get **13.0548, 9.0986, 4.2002**, and if you desaturate by 10%, it is **15.5153, 12.7176, 9.0342**.

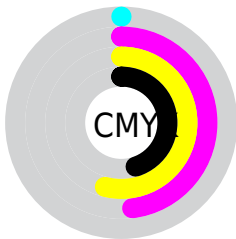
Distribution



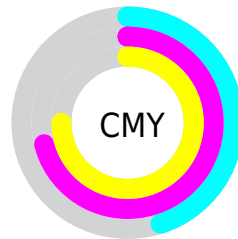
- Red (55%)
- Green (29%)
- Blue (25%)



- Red (55%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (54%)
- Black (45%)





- Cyan (45%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1519, 10.7222, 6.3247 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 14.1519, 10.7222, 6.3247 by changing the saturation by 10% instead.


 14.1519, 10.7222,
6.3247


 14.1519, 10.7222,
6.3247


211.6655,
195.7516, 171.3405


 8.3088, 5.8804,
2.9715


 32.9423, 27.1453,
19.0904


 4.3466, 2.7725,
1.0801

 46.6204, 39.4954,
29.3400


 1.9000, 1.0141,
0.0000

 63.6408, 55.1170,
42.7255

 0.5769, 0.0000,
0.0000

 84.3689, 74.3945,
59.6655

 0.0000, 0.0000,
0.0000

 109.1700, 97.7123,
80.5784

 138.4096,

125.4548, 105.8828

172.4530,
158.0065, 135.9973

■ 14.1519, 10.7222,
6.3247

■ 14.1519, 10.7222,
6.3247

■ 13.0548, 9.0986,
4.2002

■ 15.5153, 12.7176,
9.0342

■ 12.2058, 7.8223,
2.6168

■ 17.1602, 15.1042,
12.3670

■ 11.5853, 6.8682,
1.5257

■ 19.1015, 17.9018,
16.3587

■ 11.1705, 6.2072,
0.8678

■ 21.3528, 21.1288,
21.0421

■ 10.9852, 5.9154,
0.5628

■ 23.9270, 24.8020,
26.4480

■ 26.8362, 28.9377,
32.6050

■ 30.0917, 33.5510,
39.5405

■ 33.7045, 38.6567,
47.2802

■ 37.6850, 44.2687,
55.8489

Harmonies

Analogous

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



14.9845, 10.7222, 11.1412



14.1519, 10.7222, 6.3247



12.2481, 10.7222, 3.9258

Triad

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



14.1519, 10.7222, 6.3247



6.9014, 10.7222, 6.9690



10.3815, 10.7222, 28.2672

Complementary

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



14.1519, 10.7222, 6.3247



15.1643, 19.5187, 27.7791

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.



8.3784, 10.7222, 25.9231



14.1519, 10.7222, 6.3247



6.5474, 10.7222, 12.2248

Square

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



14.1519, 10.7222, 6.3247



8.0941, 10.7222, 4.1936



7.0483, 10.7222, 19.4168



12.6223, 10.7222, 25.0119

Rectangle

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



14.1519, 10.7222, 6.3247



10.7425, 10.7222, 3.3521



7.0483, 10.7222, 19.4168



9.6590, 10.7222, 28.1082

Sweetspot

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



14.1522, 10.7228, 6.3249



36.4922, 35.6000, 34.6891



16.9047, 11.0357, 23.2487



8.2414, 7.9634, 7.6447



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.1522, 10.7228, 6.3249



22.7192, 15.5977, 6.8413



17.3453, 17.1090, 7.3893



5.0731, 5.1290, 5.2750



9.7689, 5.2722, 0.5028



0.0697, 0.0447, 0.0050

Inverse Universe

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



15.1643, 19.5187, 27.7791



24.6667, 32.7267, 48.7598



11.0058, 11.2017, 26.3929



5.1280, 5.5990, 6.4163



10.7375, 14.7453, 24.3259



0.0774, 0.1101, 0.1636

Previews

White Background



This preview shows how the XYZ color 14.1519, 10.7222, 6.3247 looks on a white 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

Black Background



This preview shows how the XYZ color 14.1519, 10.7222, 6.3247 looks on a black 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

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

XYZ 14.1519, 10.7222, 6.3247

Background



This preview shows how black text looks on a background with the XYZ color 14.1519, 10.7222, 6.3247.



This preview shows how white text looks on a background with the XYZ color 14.1519, 10.7222,

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

14.1519, 10.7222, 6.3247

Protanopia

10.2960, 10.9758, 8.0544

Deuteranopia

10.9974, 10.8721, 6.0763



Tritanopia

14.5423, 10.6910, 8.1346

Trichromacy



Original Color

14.1519, 10.7222, 6.3247

Protanomaly

11.4045, 10.6879, 7.4231

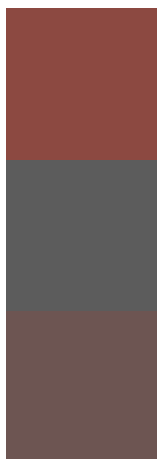
Deuteranomaly

12.0165, 10.6830, 6.1313

Tritanomaly

14.4716, 10.7653, 7.4461

Monochromacy



Original Color

14.1519, 10.7222, 6.3247

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.0782, 10.3574, 9.3979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1519, 10.7222, 6.3247 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(140, 73, 65)` looks like.

```
.text, #text, p{  
    color:rgb(140, 73, 65)  
}
```

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(140, 73, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 73, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.1519, 10.7222, 6.3247 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(140, 73, 65) }
```


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

```
.border{ border-color:rgb(140, 73, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 73, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 73, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 73, 65);  
box-shadow:4px 4px 4px 4px rgb(140, 73,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1519, 10.7222, 6.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 73, 65) }
```

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

```
.background{ background-color: rgb(140, 73,  
65) }
```

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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