

Converting Colors

XYZ(14.1934, 20.1584, 8.6328)

Have a look what the booklet for
XYZ(14.1934, 20.1584, 8.6328)
contains.

XYZ(14.1210, 20.0206, 8.5890)	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(14.1210, 20.0206,
8.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8744
RGB	92, 135, 68
RGB Percent	36%, 53%, 27%
CMY	0.6392, 0.4706, 0.7333
CMYK	0.32, 0.00, 0.50, 0.47
HSL	99°, 33%, 40%
HSV	99°, 50%, 53%
XYZ	14.1210, 20.0206, 8.5890
YIQ	114.5050, -4.1210, -29.9530

Conversions

Conversions Part 2

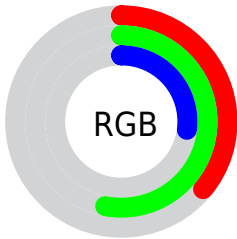
Format	Color
RYB	68, 135, 111
Decimal	6063940
CIELab	51.86, -27.69, 31.23
CIElCh	52, 41.732, 131.560
Yxy	20.0206, 0.3305, 0.4685
Android (android.graphics.Color)	4284254020 (0xFF5C8744)
YUV	114.5050, -22.9270, -19.7369
Hunter-Lab	44.7444, -21.9694, 19.9399

Details

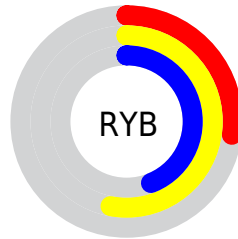
The XYZ color **14.1210, 20.0206, 8.5890** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.9968, 9.2637, 24.0258**, and the grayscale version is **16.2144, 17.0588, 18.5770**.

A 20% lighter version of the original color is **32.9692, 43.6325, 23.8238**, and **4.3387, 7.0434, 1.8403** is the 20% darker color. If you saturate the color by 10%, you get **12.9390, 19.4541, 6.6252**, and if you desaturate by 10%, it is **15.4979, 20.6778, 11.0581**.

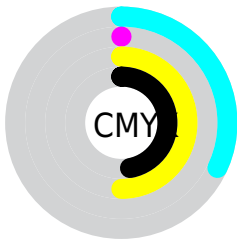
Distribution



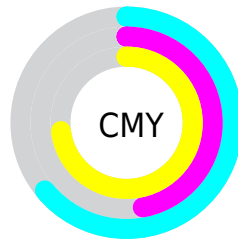
- Red (36%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (50%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1210, 20.0206, 8.5890 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 14.1210, 20.0206, 8.5890 by changing the saturation by 10% instead.

■ 14.1210, 20.0206,
8.5890

■ 14.1210, 20.0206,
8.5890

211.4779,
252.0266, 190.3853

■ 8.2871, 12.4100,
4.3810

■ 32.8880, 43.4517,
23.6702

■ 4.3326, 7.0236,
1.8366

■ 46.5519, 60.0410,
35.3805

■ 1.8919, 3.4768,
0.4519

■ 63.5565, 80.3921,
50.4286

■ 0.5722, 1.3855,
0.0000

■ 84.2672, 104.8892,
69.2331

■ 0.0000, 0.2060,
0.0000

■ 109.0494,
133.9168, 92.2124

■ 0.0000, 0.0000,
0.0000

138.2683,

167.8593, 119.7852

172.2893,
207.1011, 152.3700

■ 14.1210, 20.0206,
8.5890

■ 14.1210, 20.0206,
8.5890

■ 12.9390, 19.4541,
6.6252

■ 15.4979, 20.6778,
11.0581

■ 11.9406, 18.9715,
5.1305

■ 17.0774, 21.4272,
14.0629

■ 11.1152, 18.5687,
4.0659


■ 18.8685, 22.2734,
17.6328


■ 10.4505, 18.2404,
3.3854


■ 20.8792, 23.2199,
21.7949


■ 9.9182, 17.9748,
2.9611


■ 23.1170, 24.2701,
26.5742

 9.9001, 17.9658,
2.9460

 25.5892, 25.4271,
31.9946

 28.3025, 26.6940,
38.0786

 31.2636, 28.0737,
44.8476

 34.4786, 29.5691,
52.3221

Harmonies

Analogous

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



17.4430, 20.0206, 6.0019



14.1210, 20.0206, 8.5890



12.3010, 20.0206, 15.2219

Triad

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



14.1210, 20.0206, 8.5890



16.5672, 20.0206, 52.2593



28.1759, 20.0206, 17.4508

Complementary

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



14.1210, 20.0206, 8.5890



12.9968, 9.2637, 24.0258

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.



27.8485, 20.0206, 30.0410



14.1210, 20.0206, 8.5890



20.7083, 20.0206, 53.5679

Square

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



14.1210, 20.0206, 8.5890



13.5620, 20.0206, 41.2240



24.9598, 20.0206, 44.3256



25.7971, 20.0206, 9.6973

Rectangle

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



14.1210, 20.0206, 8.5890



11.9932, 20.0206, 22.4402



24.9598, 20.0206, 44.3256



28.3871, 20.0206, 21.1701

Sweetspot

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



14.1215, 20.0215, 8.5894



35.2852, 40.5909, 34.6428



16.6587, 16.8147, 7.8367



8.0213, 9.3296, 7.7136



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.



14.1215, 20.0215, 8.5894



22.8409, 34.6783, 11.3472



12.3857, 19.0927, 10.0417



4.7621, 5.2799, 4.9975



9.1423, 16.5730, 2.7171



0.0391, 0.0612, 0.0098

Inverse Universe

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



12.9968, 9.2637, 24.0258



20.5495, 12.9756, 42.4698



15.8298, 10.7938, 21.0113



4.7004, 4.6816, 5.8567



7.6414, 3.4735, 21.4044



0.0345, 0.0161, 0.0745

Previews

White Background



This preview shows how the XYZ color 14.1210, 20.0206, 8.5890 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 14.1210, 20.0206, 8.5890 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 14.1210, 20.0206, 8.5890

Background



This preview shows how black text looks on a background with the XYZ color 14.1210, 20.0206, 8.5890.



This preview shows how white text looks on a background with the XYZ color 14.1210, 20.0206,

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

14.1210, 20.0206, 8.5890

Protanopia

18.1617, 19.7703, 7.7093

Deuteranopia

20.2258, 19.9088, 8.9077



Tritanopia

17.6982, 19.8685, 26.5691

Trichromacy



Original Color

14.1210, 20.0206, 8.5890

Protanomaly

16.2892, 19.5535, 7.9167

Deuteranomaly

17.3982, 19.5374, 8.8153

Tritanomaly

16.0529, 19.7878, 18.3026

Monochromacy



Original Color

14.1210, 20.0206, 8.5890

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.2275, 17.9267, 14.2129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1210, 20.0206, 8.5890 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(92, 135, 68)` looks like.

```
.text, #text, p{  
    color:rgb(92, 135, 68)  
}
```

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(92, 135, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 135, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.1210, 20.0206, 8.5890 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(92, 135, 68) }
```


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

```
.border{ border-color:rgb(92, 135, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 135, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 135, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 135, 68);  
box-shadow:4px 4px 4px 4px rgb(92, 135,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1210, 20.0206, 8.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 135, 68) }
```

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

```
.background{ background-color: rgb(92, 135,  
68) }
```

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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