

Converting Colors

XYZ(14.8151, 20.8921, 3.6778)

Have a look what the booklet for
XYZ(14.8151, 20.8921, 3.6778)
contains.

XYZ(14.8506, 20.9263, 3.6719)	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(14.8506, 20.9263,
3.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	69890E
RGB	105, 137, 14
RGB Percent	41%, 54%, 5%
CMY	0.5882, 0.4627, 0.9451
CMYK	0.23, 0.00, 0.90, 0.46
HSL	76°, 81%, 30%
HSV	76°, 90%, 54%
XYZ	14.8506, 20.9263, 3.6719
YIQ	113.4100, 20.4110, -45.0370

Conversions

Conversions Part 2

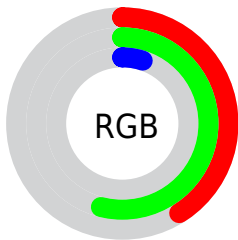
Format	Color
R_{YB}	14, 137, 46
Decimal	6916366
CIE _{Lab}	52.87, -27.55, 54.12
CIE _{LCh}	53, 60.730, 116.974
Yxy	20.9263, 0.3765, 0.5305
Android (android.graphics.Color)	4285106446 (0xFF69890E)
YUV	113.4100, -49.0091, -7.3756
Hunter-Lab	45.7453, -22.1066, 27.2626

Details

The XYZ color **14.8506, 20.9263, 3.6719** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.8000, 2.7016, 23.8840**, and the grayscale version is **15.9558, 16.7868, 18.2808**.

A 20% lighter version of the original color is **34.1133, 44.7815, 13.1491**, and **4.8764, 7.5733, 1.2048** is the 20% darker color. If you saturate the color by 10%, you get **14.3634, 20.6848, 3.2443**, and if you desaturate by 10%, it is **15.4055, 21.1984, 4.3601**.

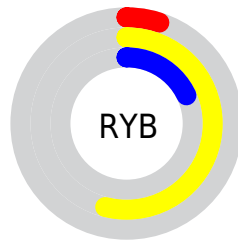
Distribution



Red (41%)

Green (54%)

Blue (5%)



Red (5%)

Yellow (54%)

Blue (18%)

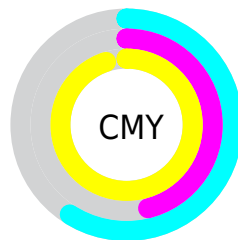


Cyan (23%)

Magenta (0%)

Yellow (90%)

Black (46%)



Cyan (59%)

Magenta (46%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8506, 20.9263, 3.6719 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 14.8506, 20.9263, 3.6719 by changing the saturation by 10% instead.

■ 14.8506, 20.9263,
3.6719

■ 14.8506, 20.9263,
3.6719

215.8665,
256.8866, 144.5056

■ 8.8002, 13.0701,
1.4471

■ 34.1647, 44.9648,
13.2457

■ 4.6672, 7.4769,
0.1781

■ 48.1591, 61.9160,
21.4318

■ 2.0861, 3.7621,
0.0000

■ 65.5323, 82.6677,
32.4421

■ 0.6816, 1.5414,
0.0000

■ 86.6495, 107.6041,
46.6952

■ 0.0000, 0.3176,
0.0000

■ 111.8762,
137.1099, 64.6095

■ 0.0000, 0.0000,
0.0000

■ 141.5777,

171.5693, 86.6037

176.1194,
211.3667, 113.0962

14.8506, 20.9263,
3.6719

14.8506, 20.9263,
3.6719

14.3634, 20.6848,
3.2443

15.4055, 21.1984,
4.3601

14.3528, 20.6795,
3.2351

16.0521, 21.5085,
5.4408

16.8002, 21.8612,
6.9622

17.6577, 22.2599,
8.9650

18.6318, 22.7072,
11.4855

■ 19.7287, 23.2059,
14.5563

■ 20.9545, 23.7583,
18.2074

■ 22.3145, 24.3665,
22.4668

■ 23.8140, 25.0328,
27.3604

Harmonies

Analogous

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



20.5411, 20.9263, 2.6685



14.8506, 20.9263, 3.6719



11.3101, 20.9263, 8.5488

Triad

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



14.8506, 20.9263, 3.6719



13.9509, 20.9263, 66.4637



34.7402, 20.9263, 24.6808

Complementary

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



14.8506, 20.9263, 3.6719



5.8000, 2.7016, 23.8840

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.



31.9808, 20.9263, 47.6443



14.8506, 20.9263, 3.6719



19.2524, 20.9263, 78.5643

Square

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



14.8506, 20.9263, 3.6719



10.8735, 20.9263, 42.6066



25.9567, 20.9263, 70.3026



32.8733, 20.9263, 10.3216

Rectangle

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



14.8506, 20.9263, 3.6719



10.2096, 20.9263, 15.7789



25.9567, 20.9263, 70.3026



34.3111, 20.9263, 31.6082

Sweetspot

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



14.8511, 20.9272, 3.6723



35.7872, 41.7627, 27.4014



11.3255, 7.2086, 1.2102



7.8911, 9.3057, 5.7515



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.



14.8511, 20.9272, 3.6723



25.5442, 36.9500, 5.7857



10.0970, 18.4764, 3.4499



5.3062, 5.7806, 5.3885



13.3803, 19.2678, 3.0138



0.1026, 0.1351, 0.0207

Inverse Universe

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



5.8000, 2.7016, 23.8840



9.2331, 3.8257, 42.6350



10.6469, 5.2003, 24.1108



4.8888, 4.9511, 6.3038



4.8824, 2.0311, 22.1804



0.0446, 0.0197, 0.1479

Previews

White Background



This preview shows how the XYZ color 14.8506, 20.9263, 3.6719 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 14.8506, 20.9263, 3.6719 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 14.8506, 20.9263, 3.6719

Background



This preview shows how black text looks on a background with the XYZ color 14.8506, 20.9263, 3.6719.



This preview shows how white text looks on a background with the XYZ color 14.8506, 20.9263,

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

14.8506, 20.9263, 3.6719

Protanopia

18.6655, 20.6922, 3.2687

Deuteranopia

21.1045, 20.6484, 3.9718



Tritanopia

19.5129, 20.7956, 27.0303

Trichromacy



Original Color

14.8506, 20.9263, 3.6719

Protanomaly

17.0963, 20.6566, 3.4027

Deuteranomaly

18.2630, 20.4725, 3.7996

Tritanomaly

16.9021, 20.5336, 13.4285

Monochromacy



Original Color

14.8506, 20.9263, 3.6719

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.7295, 17.7699, 9.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8506, 20.9263, 3.6719 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(105, 137, 14)` looks like.

```
.text, #text, p{  
    color:rgb(105, 137, 14)  
}
```

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(105, 137, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 137, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.8506, 20.9263, 3.6719 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(105, 137, 14) }
```


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

```
.border{ border-color:rgb(105, 137, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 137, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 137, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 137, 14);  
box-shadow:4px 4px 4px 4px rgb(105, 137,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8506, 20.9263, 3.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 137, 14) }
```

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

```
.background{ background-color: rgb(105,  
137, 14) }
```

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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