

Converting Colors

XYZ(17.2261, 14.1823, 23.8754)

Have a look what the booklet for
XYZ(17.2261, 14.1823, 23.8754)
contains.

XYZ(17.2012, 14.1893, 24.0225)	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(17.2012, 14.1893,
24.0225)**

Conversions

Conversions Part 1

Format	Color
Hex	815D85
RGB	129, 93, 133
RGB Percent	51%, 36%, 52%
CMY	0.4941, 0.6353, 0.4784
CMYK	0.03, 0.30, 0.00, 0.48
HSL	294°, 18%, 44%
HSV	294°, 30%, 52%
XYZ	17.2012, 14.1893, 24.0225
YIQ	108.3240, 8.6160, 20.0720

Conversions

Conversions Part 2

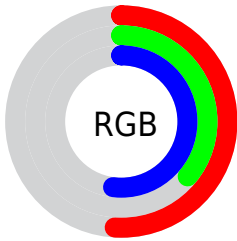
Format	Color
R_{YB}	129, 93, 133
Decimal	8478085
CIE _{Lab}	44.50, 22.03, -16.53
CIE _{LCh}	45, 27.545, 323.110
Yxy	14.1893, 0.3104, 0.2561
Android (android.graphics.Color)	4286668165 (0xFF815D85)
YUV	108.3240, 12.1653, 18.1329
Hunter-Lab	37.6687, 15.5908, -11.4430

Details

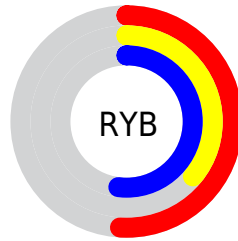
The XYZ color **17.2012, 14.1893, 24.0225** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.2937, 20.1072, 13.4317**, and the grayscale version is **14.3104, 15.0557, 16.3956**.

A 20% lighter version of the original color is **38.1276, 33.4368, 50.8988**, and **5.7628, 4.2408, 8.6984** is the 20% darker color. If you saturate the color by 10%, you get **15.9332, 11.9511, 23.6575**, and if you desaturate by 10%, it is **18.6757, 16.8362, 24.4559**.

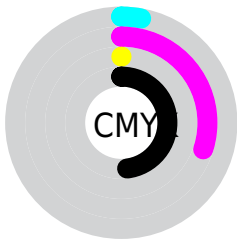
Distribution



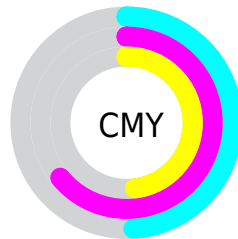
- Red (51%)
- Green (36%)
- Blue (52%)



- Red (51%)
- Yellow (36%)
- Blue (52%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2012, 14.1893, 24.0225 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 17.2012, 14.1893, 24.0225 by changing the saturation by 10% instead.

■ 17.2012, 14.1893,
24.0225

■ 17.2012, 14.1893,
24.0225

229.4629,
218.4053, 286.2244

■ 10.4742, 8.2524,
15.1380

■ 38.2122, 33.4245,
51.0112

■ 5.7792, 4.2569,
8.7686

■ 53.2270, 47.4917,
69.9525

■ 2.7507, 1.8183,
4.4958

■ 71.7351, 65.0378,
93.0830

■ 1.0233, 0.4985,
1.9011

■ 94.1019, 86.4471,
120.8214

■ 0.0000, 0.0000,
0.4934

120.6927,
112.1042, 153.5862

■ 0.0000, 0.0000,
0.0000

151.8729,

142.3933, 191.7960

188.0079,
177.6989, 235.8692

■ 17.2012, 14.1893,
24.0225

■ 17.2012, 14.1893,
24.0225

■ 15.9332, 11.9511,
23.6575

■ 18.6757, 16.8362,
24.4559

■ 14.8600, 10.0987,
23.3565

■ 20.3653, 19.9094,
24.9600

■ 13.9704, 8.6098,
23.1160

■ 22.2794, 23.4279,
25.5383

■ 13.2519, 7.4591,
22.9318

■ 24.4267, 27.4088,
26.1935

■ 12.6900, 6.6179,
22.7990

■ 26.8154, 31.8684,
26.9284

■ 12.2681, 6.0529,
22.7122

■ 29.4531, 36.8221,
27.7455

■ 11.9378, 5.6651,
22.6548

■ 32.3473, 42.2849,
28.6474

■ 35.5050, 48.2707,
29.6364

■ 38.9332, 54.7933,
30.7147

Harmonies

Analogous

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



15.2343, 14.1893, 29.6616



17.2012, 14.1893, 24.0225



18.1895, 14.1893, 16.9650

Triad

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



17.2012, 14.1893, 24.0225



14.0057, 14.1893, 6.2062



9.9255, 14.1893, 20.7685

Complementary

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



17.2012, 14.1893, 24.0225



15.2937, 20.1072, 13.4317

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.



9.6733, 14.1893, 14.0275



17.2012, 14.1893, 24.0225



11.8778, 14.1893, 6.7056

Square

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



17.2012, 14.1893, 24.0225



16.2179, 14.1893, 7.5830



10.3493, 14.1893, 9.2060



11.0804, 14.1893, 27.4509

Rectangle

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



17.2012, 14.1893, 24.0225



18.0914, 14.1893, 12.8367



10.3493, 14.1893, 9.2060



9.7379, 14.1893, 18.3953

Sweetspot

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



17.2017, 14.1899, 24.0228



36.7513, 36.1686, 44.7826



13.0850, 12.6945, 23.9511



8.1878, 7.9802, 10.0615



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.2017, 14.1899, 24.0228



29.2330, 22.6289, 42.5655



16.8379, 14.1160, 18.8736



4.8132, 4.7398, 5.8619



11.3746, 5.3980, 21.5791



0.0427, 0.0204, 0.0749

Inverse Universe

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



15.7454, 13.6790, 13.1205



26.2278, 21.5831, 19.6808



15.6268, 20.1924, 17.3551



4.6901, 4.6957, 4.9804



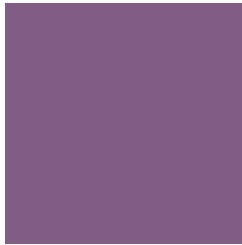
9.2863, 4.7789, 0.8139



0.0333, 0.0170, 0.0089

Previews

White Background



This preview shows how the XYZ color 17.2012, 14.1893, 24.0225 looks on a white background.

Color Contrast Check

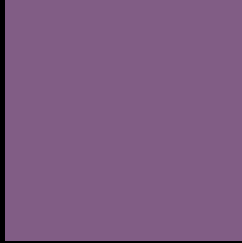
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2012, 14.1893, 24.0225 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 17.2012, 14.1893, 24.0225

Background



This preview shows how black text looks on a background with the XYZ color 17.2012, 14.1893, 24.0225.



This preview shows how white text looks on a background with the XYZ color 17.2012, 14.1893,

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

17.2012, 14.1893, 24.0225

Protanopia

14.4773, 14.2566, 27.1881

Deuteranopia

14.5405, 14.2228, 23.4516



Tritanopia

15.4266, 14.1359, 15.5511

Trichromacy



Original Color

17.2012, 14.1893, 24.0225

Protanomaly

15.2080, 14.0751, 25.9600

Deuteranomaly

15.3088, 14.0344, 23.7318

Tritanomaly

15.9394, 14.0623, 18.3972

Monochromacy



Original Color

17.2012, 14.1893, 24.0225

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2636, 14.6979, 18.8621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2012, 14.1893, 24.0225 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(129, 93, 133)` looks like.

```
.text, #text, p{  
    color:rgb(129, 93, 133)  
}
```

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(129, 93, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 93, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.2012, 14.1893, 24.0225 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(129, 93, 133) }
```


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

```
.border{ border-color:rgb(129, 93, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 93, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 93, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 93, 133);  
box-shadow:4px 4px 4px 4px rgb(129, 93,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2012, 14.1893, 24.0225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 93, 133) }
```

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

```
.background{ background-color: rgb(129, 93,  
133) }
```

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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