

Converting Colors

XYZ(14.0418, 23.7423, 8.7031)

Have a look what the booklet for
XYZ(14.0418, 23.7423, 8.7031)
contains.

XYZ(14.0781, 23.8187, 8.7060)	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(14.0781, 23.8187,
8.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9840
RGB	61, 152, 64
RGB Percent	24%, 60%, 25%
CMY	0.7608, 0.4039, 0.7490
CMYK	0.60, 0.00, 0.58, 0.40
HSL	122°, 43%, 42%
HSV	122°, 60%, 60%
XYZ	14.0781, 23.8187, 8.7060
YIQ	114.7590, -25.9880, -46.6600

Conversions

Conversions Part 2

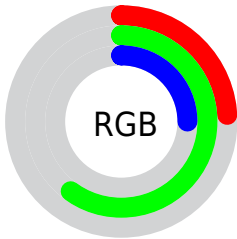
Format	Color
RYB	61, 149, 152
Decimal	4036672
CIELab	55.91, -45.39, 37.81
CIElCh	56, 59.077, 140.203
Yxy	23.8187, 0.3021, 0.5111
Android (android.graphics.Color)	4282226752 (0xFF3D9840)
YUV	114.7590, -25.0242, -47.1466
Hunter-Lab	48.8044, -33.9177, 23.5866

Details

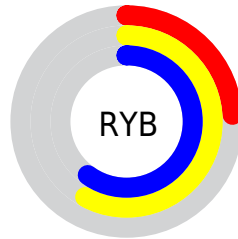
The XYZ color **14.0781, 23.8187, 8.7060** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **20.0430, 12.1831, 29.7292**, and the grayscale version is **16.3022, 17.1512, 18.6776**.

A 20% lighter version of the original color is **32.8213, 49.6921, 23.7813**, and **4.6298, 9.1434, 1.9016** is the 20% darker color. If you saturate the color by 10%, you get **12.9072, 23.2579, 6.7484**, and if you desaturate by 10%, it is **15.6256, 24.5623, 11.2577**.

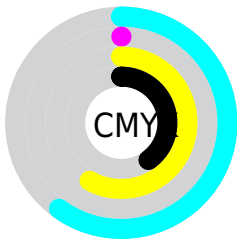
Distribution



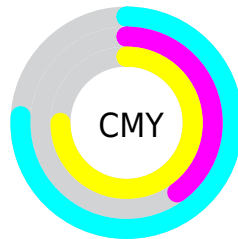
- Red (24%)
- Green (60%)
- Blue (25%)



- Red (24%)
- Yellow (58%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (58%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0781, 23.8187, 8.7060 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 14.0781, 23.8187, 8.7060 by changing the saturation by 10% instead.

■ 14.0781, 23.8187,
8.7060

■ 14.0781, 23.8187,
8.7060

211.2171,
271.9026, 191.3059

■ 8.2571, 15.1992,
4.4557

■ 32.8126, 49.7342,
23.8999

■ 4.3131, 8.9593,
1.8785

■ 46.4569, 67.7989,
35.6806

■ 1.8807, 4.7146,
0.4790

■ 63.4396, 89.7809,
50.8086

■ 0.5656, 2.0808,
0.0000

■ 84.1260, 116.0645,
69.7024

■ 0.0000, 0.6538,
0.0000

■ 108.8817,
147.0340, 92.7804

■ 0.0000, 0.0000,
0.0000

138.0718,

183.0740, 120.4613

172.0618,
224.5687, 153.1636

■ 14.0781, 23.8187,
8.7060

■ 14.0781, 23.8187,
8.7060

■ 12.9072, 23.2579,
6.7484

■ 15.6256, 24.5623,
11.2577

■ 12.0793, 22.8615,
5.3356

■ 17.5763, 25.4994,
14.4446

■ 11.5577, 22.6125,
4.4130

■ 19.9563, 26.6433,
18.3059

■ 11.2597, 22.4701,
3.8933

■ 22.7892, 28.0055,
22.8771

■ 11.2562, 22.4684,
3.8876

■ 26.0966, 29.5963,
28.1914

■ 29.8990, 31.4257,
34.2797

■ 34.2155, 33.5029,
41.1714

■ 39.0642, 35.8366,
48.8941

■ 44.4626, 38.4352,
57.4743

Harmonies

Analogous

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



18.4560, 23.8187, 4.3809



14.0781, 23.8187, 8.7060



12.1282, 23.8187, 20.1237

Triad

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



14.0781, 23.8187, 8.7060



20.5069, 23.8187, 82.3104



37.0910, 23.8187, 15.1220

Complementary

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



14.0781, 23.8187, 8.7060



20.0430, 12.1831, 29.7292

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.



37.9420, 23.8187, 32.7683



14.0781, 23.8187, 8.7060



27.4105, 23.8187, 78.6085

Square

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



14.0781, 23.8187, 8.7060



15.3227, 23.8187, 66.1224



34.1131, 23.8187, 57.6391



31.9771, 23.8187, 6.6053

Rectangle

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



14.0781, 23.8187, 8.7060



12.1387, 23.8187, 33.0721



34.1131, 23.8187, 57.6391



37.9195, 23.8187, 19.9057

Sweetspot

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



14.0787, 23.8197, 8.7065



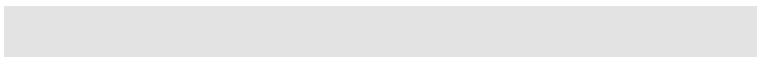
41.0553, 49.8305, 41.7175



24.7383, 29.3246, 8.7713



8.9971, 11.1651, 8.9438



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.0787, 23.8197, 8.7065



22.1995, 40.7720, 10.9253



15.8609, 24.5326, 18.0918



6.1400, 6.9287, 6.6607



9.4400, 18.8395, 3.2717



0.1431, 0.2824, 0.0591

Inverse Universe

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



20.0430, 12.1831, 29.7292



33.7009, 18.3049, 51.4439



17.1672, 11.0328, 14.5853



6.4524, 6.3201, 7.7625



15.2746, 7.3641, 23.7686



0.2307, 0.1110, 0.3678

Previews

White Background



This preview shows how the XYZ color 14.0781, 23.8187, 8.7060 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 14.0781, 23.8187, 8.7060 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 14.0781, 23.8187, 8.7060

Background



This preview shows how black text looks on a background with the XYZ color 14.0781, 23.8187, 8.7060.



This preview shows how white text looks on a background with the XYZ color 14.0781, 23.8187,

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

14.0781, 23.8187, 8.7060

Protanopia

21.3640, 23.3764, 7.3891

Deuteranopia

23.8310, 23.4202, 9.2258



Tritanopia

19.2225, 23.8170, 34.1559

Trichromacy



Original Color

14.0781, 23.8187, 8.7060

Protanomaly

17.3962, 22.7954, 7.7580

Deuteranomaly

18.4517, 22.4613, 8.8318

Tritanomaly

16.6317, 23.4341, 21.7358

Monochromacy



Original Color

14.0781, 23.8187, 8.7060

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.5498, 18.7158, 13.9120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0781, 23.8187, 8.7060 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(61, 152, 64)` looks like.

```
.text, #text, p{  
    color:rgb(61, 152, 64)  
}
```

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(61, 152, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 152, 64) }
```

Border

The CSS property to change the border of an element to XYZ 14.0781, 23.8187, 8.7060 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(61, 152, 64) }
```


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

```
.border{ border-color:rgb(61, 152, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 152, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 152, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 152, 64);  
box-shadow:4px 4px 4px 4px rgb(61, 152,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0781, 23.8187, 8.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 152, 64) }
```

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

```
.background{ background-color: rgb(61, 152,  
64) }
```

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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