

Converting Colors

XYZ(18.7991, 14.2644, 6.5872)

Have a look what the booklet for
XYZ(18.7991, 14.2644, 6.5872)
contains.

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Color

**XYZ(18.7937, 14.2879,
6.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	A15440
RGB	161, 84, 64
RGB Percent	63%, 33%, 25%
CMY	0.3686, 0.6706, 0.7490
CMYK	0.00, 0.48, 0.60, 0.37
HSL	12°, 43%, 44%
HSV	12°, 60%, 63%
XYZ	18.7937, 14.2879, 6.6178
YIQ	104.7430, 52.3120, 10.1040

Conversions

Conversions Part 2

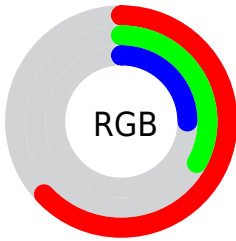
Format	Color
RYB	161, 89, 64
Decimal	10572864
CIELab	44.64, 29.90, 25.92
CIELCh	45, 39.572, 40.925
Yxy	14.2879, 0.4734, 0.3599
Android (android.graphics.Color)	4288762944 (0xFFA15440)
YUV	104.7430, -20.0863, 49.3374
Hunter-Lab	37.7993, 22.6007, 16.0792

Details

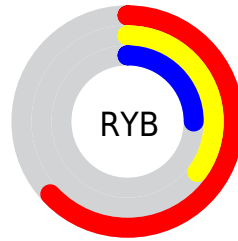
The XYZ color **18.7937, 14.2879, 6.6178** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.0716, 22.7117, 37.1494**, and the grayscale version is **13.4008, 14.0987, 15.3535**.

A 20% lighter version of the original color is **40.8020, 33.5579, 19.6560**, and **6.5919, 4.3192, 1.1957** is the 20% darker color. If you saturate the color by 10%, you get **17.4969, 12.3248, 4.2423**, and if you desaturate by 10%, it is **20.4044, 16.6674, 9.7507**.

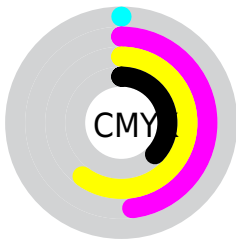
Distribution



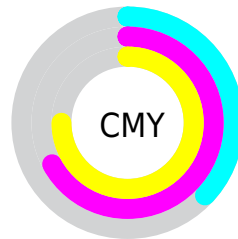
- Red (63%)
- Green (33%)
- Blue (25%)



- Red (63%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (60%)
- Black (37%)



- Cyan (37%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7937, 14.2879, 6.6178 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 18.7937, 14.2879, 6.6178 by changing the saturation by 10% instead.

■ 18.7937, 14.2879,
6.6178

■ 18.7937, 14.2879,
6.6178

238.2675,
219.0146, 173.9577

■ 11.6244, 8.3212,
3.1494

■ 40.9048, 33.5990,
19.6997

■ 6.5589, 4.3011,
1.1714

■ 56.5773, 47.7122,
30.1503

■ 3.2316, 1.8434,
0.0000

■ 75.8149, 65.3096,
43.7655

■ 1.2774, 0.5140,
0.0000

■ 98.9831, 86.7757,
60.9636

■ 0.1662, 0.0000,
0.0000

■ 126.4470,
112.4948, 82.1634

■ 0.0000, 0.0000,
0.0000

■ 158.5722,

142.8514, 107.7833

195.7239,
178.2299, 138.2419

■ 18.7937, 14.2879,
6.6178

■ 18.7937, 14.2879,
6.6178

■ 17.4969, 12.3248,
4.2423

■ 20.4044, 16.6674,
9.7507

■ 16.4915, 10.7515,
2.5584

■ 22.3475, 19.4834,
13.6977

■ 15.7532, 9.5416,
1.4900

■ 24.6412, 22.7573,
18.5111

■ 15.2474, 8.6761,
0.8710

■ 27.3019, 26.5086,
24.2384

■ 30.3450, 30.7555,
30.9237

■ 33.7853, 35.5153,
38.6084

■ 37.6363, 40.8043,
47.3311

■ 41.9113, 46.6384,
57.1287

■ 46.6227, 53.0325,
68.0362

Harmonies

Analogous

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



20.5809, 14.2879, 12.4439



18.7937, 14.2879, 6.6178



15.6972, 14.2879, 4.1225

Triad

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



18.7937, 14.2879, 6.6178



8.5454, 14.2879, 10.4690



14.7830, 14.2879, 40.1442

Complementary

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



18.7937, 14.2879, 6.6178



18.0716, 22.7117, 37.1494

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.



11.6626, 14.2879, 38.9341



18.7937, 14.2879, 6.6178



8.3799, 14.2879, 19.1506

Square

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



18.7937, 14.2879, 6.6178



9.9274, 14.2879, 5.6636



9.4328, 14.2879, 30.2338



18.0344, 14.2879, 33.0836

Rectangle

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



18.7937, 14.2879, 6.6178



13.4809, 14.2879, 3.7361



9.4328, 14.2879, 30.2338



13.6800, 14.2879, 40.7451

Sweetspot

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



18.7940, 14.2887, 6.6181



49.8827, 48.8579, 45.5608



21.3838, 13.1849, 26.8519



10.6301, 10.2808, 9.3171



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



18.7940, 14.2887, 6.6181



30.7228, 21.1254, 6.5348



23.8610, 24.4226, 8.3071



7.1866, 7.3117, 7.4126



12.2025, 6.9789, 0.7039



0.2866, 0.2071, 0.0249

Inverse Universe

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



18.0716, 22.7117, 37.1494



29.2286, 37.3857, 66.0622



12.4706, 11.5096, 35.2824



7.1515, 7.7620, 9.0244



11.3114, 14.4022, 29.1135



0.2673, 0.3618, 0.6216

Previews

White Background



This preview shows how the XYZ color 18.7937, 14.2879, 6.6178 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 18.7937, 14.2879, 6.6178 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 18.7937, 14.2879, 6.6178

Background



This preview shows how black text looks on a background with the XYZ color 18.7937, 14.2879, 6.6178.



This preview shows how white text looks on a background with the XYZ color 18.7937, 14.2879,

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

18.7937, 14.2879, 6.6178

Protanopia

13.4269, 14.4339, 8.3817

Deuteranopia

14.5492, 14.3114, 6.4104



Tritanopia

19.5630, 14.2544, 10.7371

Trichromacy



Original Color

18.7937, 14.2879, 6.6178

Protanomaly

14.9889, 14.0831, 7.7227

Deuteranomaly

15.9462, 14.1949, 6.4569

Tritanomaly

19.3289, 14.2805, 9.1348

Monochromacy



Original Color

18.7937, 14.2879, 6.6178

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.5776, 13.6475, 11.5388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7937, 14.2879, 6.6178 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(161, 84, 64)` looks like.

```
.text, #text, p{  
    color:rgb(161, 84, 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(161, 84, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 84, 64) }
```

Border

The CSS property to change the border of an element to XYZ 18.7937, 14.2879, 6.6178 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(161, 84, 64) }
```


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

```
.border{ border-color:rgb(161, 84, 64) }
```

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

Here you see how a box with a 4 pixel rgb(161, 84, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 84, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 84, 64);  
box-shadow:4px 4px 4px 4px rgb(161, 84,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7937, 14.2879, 6.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 84, 64) }
```

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

```
.background{ background-color: rgb(161, 84,  
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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