

Converting Colors

XYZ(14.4941, 13.9817, 20.3635)

Have a look what the booklet for
XYZ(14.4941, 13.9817, 20.3635)
contains.

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Color

**XYZ(14.4732, 13.9637,
20.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	6D657A
RGB	109, 101, 122
RGB Percent	43%, 40%, 48%
CMY	0.5725, 0.6039, 0.5216
CMYK	0.11, 0.17, 0.00, 0.52
HSL	263°, 9%, 44%
HSV	263°, 17%, 48%
XYZ	14.4732, 13.9637, 20.3448
YIQ	105.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

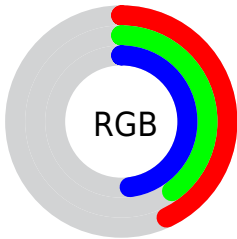
Format	Color
R_{YB}	109, 101, 122
Decimal	7169402
CIE Lab	44.18, 7.60, -10.58
CIE LCh	44, 13.026, 305.695
Yxy	13.9637, 0.2967, 0.2862
Android (android.graphics.Color)	4285359482 (0xFF6D657A)
YUV	105.7860, 7.9935, 2.8187
Hunter-Lab	37.3680, 3.7417, -6.1225

Details

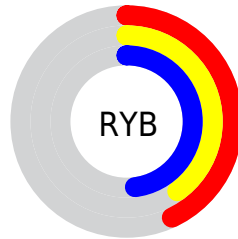
The XYZ color **14.4732, 13.9637, 20.3448** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2484, 18.4364, 15.0148**, and the grayscale version is **13.6206, 14.3300, 15.6053**.

A 20% lighter version of the original color is **33.5662, 33.0895, 44.6622**, and **4.4462, 4.1115, 6.8626** is the 20% darker color. If you saturate the color by 10%, you get **12.4860, 11.3097, 19.9375**, and if you desaturate by 10%, it is **16.7170, 17.0118, 20.8151**.

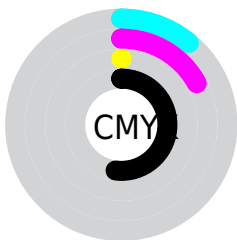
Distribution



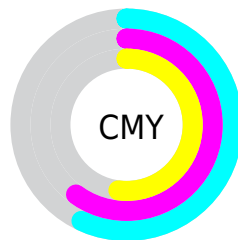
- Red (43%)
- Green (40%)
- Blue (48%)



- Red (43%)
- Yellow (40%)
- Blue (48%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (52%)



- Cyan (57%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4732, 13.9637, 20.3448 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 14.4732, 13.9637, 20.3448 by changing the saturation by 10% instead.

■ 14.4732, 13.9637,
20.3448

■ 14.4732, 13.9637,
20.3448

213.6073,
217.0049, 266.4414

■ 8.5344, 8.0954,
12.4594

■ 33.5056, 33.0246,
44.8611

■ 4.4934, 4.1561,
6.9310

■ 47.3300, 46.9860,
62.3290

■ 1.9849, 1.7612,
3.3412

■ 64.5135, 64.4139,
83.8281

■ 0.6255, 0.4628,
1.2714

■ 85.4217, 85.6928,
109.7770

■ 0.0000, 0.0000,
0.0382

110.4198,
111.2069, 140.5943

■ 0.0000, 0.0000,
0.0000

139.8732,

141.3407, 176.6984

174.1472,
176.4785, 218.5079

■ 14.4732, 13.9637,
20.3448

■ 14.4732, 13.9637,
20.3448

■ 12.4860, 11.3097,
19.9375

■ 16.7170, 17.0118,
20.8151

■ 10.7444, 9.0316,
19.5896

■ 19.2252, 20.4676,
21.3499

■ 9.2384, 7.1122,
19.2985

■ 22.0071, 24.3465,
21.9520

■ 7.9569, 5.5325,
19.0611

■ 25.0708, 28.6622,
22.6236

■ 6.8877, 4.2715,
18.8740

■ 28.4243, 33.4282,
23.3667

■ 6.0173, 3.3057,
18.7335

■ 32.0753, 38.6570,
24.1836

■ 5.3306, 2.6086,
18.6351

■ 36.0309, 44.3609,
25.0761

■ 4.7962, 2.1215,
18.5693

■ 40.2984, 50.5516,
26.0461

■ 4.6610, 1.9970,
18.5524

■ 44.8845, 57.2403,
27.0954

Harmonies

Analogous

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



13.4715, 13.9637, 21.6435



14.4732, 13.9637, 20.3448



15.1790, 13.9637, 17.6848

Triad

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



14.4732, 13.9637, 20.3448



14.1122, 13.9637, 10.5597



11.3803, 13.9637, 15.7794

Complementary

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



14.4732, 13.9637, 20.3448



16.2484, 18.4364, 15.0148

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.



11.5320, 13.9637, 12.9669



14.4732, 13.9637, 20.3448



13.0747, 13.9637, 10.1883

Square

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



14.4732, 13.9637, 20.3448



14.9630, 13.9637, 12.1018



12.1393, 13.9637, 11.0117



11.7136, 13.9637, 18.7959

Rectangle

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



14.4732, 13.9637, 20.3448



15.3674, 13.9637, 15.6380



12.1393, 13.9637, 11.0117



11.3765, 13.9637, 14.7783

Sweetspot

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



14.4736, 13.9643, 20.3451



30.2935, 31.1394, 36.8068



14.9314, 16.2747, 20.7669



6.8720, 7.0451, 8.4043



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.4736, 13.9643, 20.3451



23.9072, 22.4784, 35.4716



15.8022, 14.6492, 20.4073



3.9286, 3.9611, 5.0007



4.8984, 2.0980, 19.5321



22.4831, 9.5525, 93.1286

Inverse Universe

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



15.7174, 14.6604, 17.9216



26.5869, 23.9793, 30.1988



14.9947, 17.7901, 14.9561



4.0928, 4.0528, 4.6864



9.8023, 4.8971, 7.5156



46.3332, 23.1896, 33.6143

Previews

White Background



This preview shows how the XYZ color 14.4732, 13.9637, 20.3448 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 14.4732, 13.9637, 20.3448 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 14.4732, 13.9637, 20.3448

Background



This preview shows how black text looks on a background with the XYZ color 14.4732, 13.9637, 20.3448.



This preview shows how white text looks on a background with the XYZ color 14.4732, 13.9637,

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

14.4732, 13.9637, 20.3448

Protanopia

13.8439, 14.0652, 21.0540

Deuteranopia

14.2081, 13.9721, 20.3604



Tritanopia

13.7829, 13.9740, 17.0097

Trichromacy



Original Color

14.4732, 13.9637, 20.3448

Protanomaly

14.0189, 14.0141, 20.7050

Deuteranomaly

14.3276, 14.0337, 20.3660

Tritanomaly

14.0302, 13.9287, 18.1687

Monochromacy



Original Color

14.4732, 13.9637, 20.3448

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9383, 14.1963, 17.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4732, 13.9637, 20.3448 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(109, 101, 122)` looks like.

```
.text, #text, p{  
    color:rgb(109, 101, 122)  
}
```

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(109, 101, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 101, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.4732, 13.9637, 20.3448 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(109, 101, 122) }
```


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

```
.border{ border-color:rgb(109, 101, 122) }
```

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

Here you see how a box with a 4 pixel rgb(109, 101, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 101, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 101, 122);  
box-shadow:4px 4px 4px 4px rgb(109, 101,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4732, 13.9637, 20.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 101, 122) }
```

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

```
.background{ background-color: rgb(109,  
101, 122) }
```

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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