

Converting Colors

XYZ(13.7339, 15.2940, 20.6408)

Have a look what the booklet for
XYZ(13.7339, 15.2940, 20.6408)
contains.

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Color

**XYZ(13.7207, 15.2688,
20.6364)**

Conversions

Conversions Part 1

Format	Color
Hex	5C707A
RGB	92, 112, 122
RGB Percent	36%, 44%, 48%
CMY	0.6392, 0.5608, 0.5216
CMYK	0.25, 0.08, 0.00, 0.52
HSL	200°, 14%, 42%
HSV	200°, 25%, 48%
XYZ	13.7207, 15.2688, 20.6364
YIQ	107.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

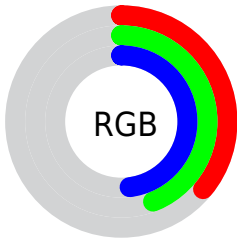
Format	Color
R_{YB}	92, 104, 122
Decimal	6058106
CIE Lab	46.00, -4.95, -7.99
CIE LCh	46, 9.396, 238.199
Yxy	15.2688, 0.2765, 0.3077
Android (android.graphics.Color)	4284248186 (0xFF5C707A)
YUV	107.1600, 7.3161, -13.2953
Hunter-Lab	39.0753, -5.7042, -3.9594

Details

The XYZ color **13.7207, 15.2688, 20.6364** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7094, 14.4132, 12.1324**, and the grayscale version is **14.0032, 14.7325, 16.0437**.

A 20% lighter version of the original color is **32.2431, 35.4466, 45.1869**, and **4.1182, 4.7057, 6.9946** is the 20% darker color. If you saturate the color by 10%, you get **12.1603, 13.8137, 20.4380**, and if you desaturate by 10%, it is **15.4986, 16.8669, 20.8514**.

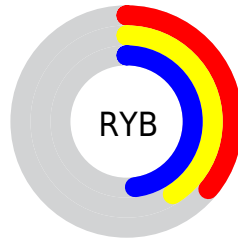
Distribution



Red (36%)

Green (44%)

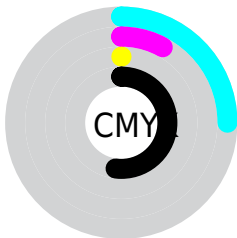
Blue (48%)



Red (36%)

Yellow (41%)

Blue (48%)

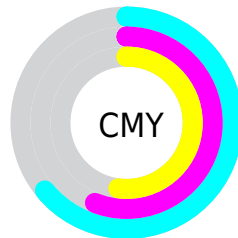


Cyan (25%)

Magenta (8%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7207, 15.2688, 20.6364 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 13.7207, 15.2688, 20.6364 by changing the saturation by 10% instead.

■ 13.7207, 15.2688,
20.6364

■ 13.7207, 15.2688,
20.6364

209.0319,
224.9875, 268.0571

■ 8.0071, 9.0083,
12.6698

■ 32.1830, 35.3240,
45.3545

■ 4.1513, 4.7466,
7.0735

■ 45.6625, 49.8875,
62.9432

■ 1.7881, 2.0993,
3.4290

■ 62.4612, 67.9875,
84.5762

■ 0.5105, 0.6643,
1.3176

■ 82.9446, 90.0082,
110.6723

■ 0.0000, 0.0000,
0.0762

107.4780,
116.3342, 141.6499

■ 0.0000, 0.0000,
0.0000

136.4268,

147.3498, 177.9275

170.1563,
183.4394, 219.9237

■ 13.7207, 15.2688,
20.6364

■ 13.7207, 15.2688,
20.6364

■ 12.1603, 13.8137,
20.4380

■ 15.4986, 16.8669,
20.8514

■ 10.8063, 12.4943,
20.2547

■ 17.5016, 18.6112,
21.0825

■ 9.6489, 11.3055,
20.0863

■ 19.7387, 20.5070,
21.3305

■ 8.6766, 10.2410,
19.9320

■ 22.2179, 22.5588,
21.5959

■ 7.8767, 9.2939,
19.7914

■ 24.9468, 24.7709,
21.8791

■ 7.2350, 8.4563,
19.6635

■ 27.9327, 27.1474,
22.1804

■ 6.7301, 7.7170,
19.5474

■ 31.1826, 29.6923,
22.5003

■ 6.4805, 7.3404,
19.4879

■ 34.7031, 32.4094,
22.8392

■ 38.5008, 35.3024,
23.1975

Harmonies

Analogous

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



13.2048, 15.2688, 18.7840



13.7207, 15.2688, 20.6364



14.4645, 15.2688, 21.4033

Triad

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



13.7207, 15.2688, 20.6364



16.0970, 15.2688, 16.7633



13.8011, 15.2688, 13.0529

Complementary

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



13.7207, 15.2688, 20.6364



14.7094, 14.4132, 12.1324

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.



14.5607, 15.2688, 12.6169



13.7207, 15.2688, 20.6364



15.9039, 15.2688, 14.6383

Square

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



13.7207, 15.2688, 20.6364



15.8528, 15.2688, 19.0441



15.3343, 15.2688, 13.1706



13.2500, 15.2688, 14.4202

Rectangle

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



13.7207, 15.2688, 20.6364



14.9959, 15.2688, 21.1474



15.3343, 15.2688, 13.1706



14.0397, 15.2688, 12.7984

Sweetspot

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



13.7212, 15.2694, 20.6367



29.8423, 31.9254, 36.9823



13.7471, 17.1441, 15.0258



6.7899, 7.2707, 8.4522



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.



13.7212, 15.2694, 20.6367



22.4107, 25.2631, 36.0880



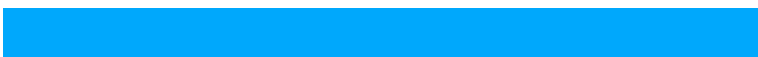
12.2479, 12.3230, 20.1457



3.9999, 4.2980, 5.0620



6.8151, 7.7126, 20.5148



31.7018, 35.1762, 97.5886

Inverse Universe

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



14.7782, 12.9622, 17.0530



24.6731, 20.5380, 28.3699



16.2613, 17.5170, 12.6497



4.1004, 4.0559, 4.7262



10.0233, 4.9855, 8.6794



47.4047, 23.6182, 39.2570

Previews

White Background



This preview shows how the XYZ color 13.7207, 15.2688, 20.6364 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 13.7207, 15.2688, 20.6364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

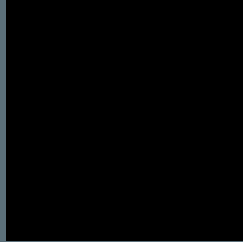
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

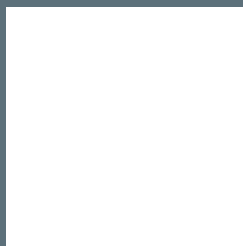
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7207, 15.2688, 20.6364

Background



This preview shows how black text looks on a background with the XYZ color 13.7207, 15.2688, 20.6364.



This preview shows how white text looks on a background with the XYZ color 13.7207, 15.2688,

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

13.7207, 15.2688, 20.6364

Protanopia

14.7557, 15.1828, 19.6056

Deuteranopia

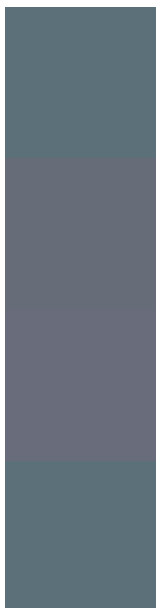
15.4113, 15.1829, 20.8572



Tritanopia

13.6590, 15.2441, 20.3117

Trichromacy



Original Color

13.7207, 15.2688, 20.6364

Protanomaly

14.3383, 15.1181, 19.9317

Deuteranomaly

14.7634, 15.1584, 20.8866

Tritanomaly

13.6590, 15.2441, 20.3117

Monochromacy



Original Color

13.7207, 15.2688, 20.6364

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8728, 14.9319, 17.4802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7207, 15.2688, 20.6364 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(92, 112, 122) looks like.

```
.text, #text, p{  
    color:rgb(92, 112, 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(92, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 122) }
```

Border

The CSS property to change the border of an element to XYZ 13.7207, 15.2688, 20.6364 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(92, 112, 122) }
```


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

```
.border{ border-color:rgb(92, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7207, 15.2688, 20.6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 122) }
```

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

```
.background{ background-color: rgb(92, 112,  
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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