

Converting Colors

XYZ(13.9561, 12.7298, 20.1997)

Have a look what the booklet for
XYZ(13.9561, 12.7298, 20.1997)
contains.

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Color

**XYZ(13.9460, 12.7255,
20.1336)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5E7A
RGB	110, 94, 122
RGB Percent	43%, 37%, 48%
CMY	0.5686, 0.6314, 0.5216
CMYK	0.10, 0.23, 0.00, 0.52
HSL	274°, 13%, 42%
HSV	274°, 23%, 48%
XYZ	13.9460, 12.7255, 20.1336
YIQ	101.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

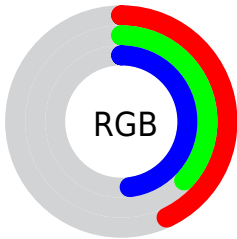
Format	Color
R_{YB}	110, 94, 122
Decimal	7233146
CIE _{Lab}	42.35, 12.22, -13.34
CIE _{LCh}	42, 18.097, 312.491
Yxy	12.7255, 0.2980, 0.2719
Android (android.graphics.Color)	4285423226 (0xFF6E5E7A)
YUV	101.9760, 9.8718, 7.0370
Hunter-Lab	35.6728, 7.3557, -8.4921

Details

The XYZ color **13.9460, 12.7255, 20.1336** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.9241, 17.7916, 13.2377**, and the grayscale version is **12.5983, 13.2544, 14.4340**.

A 20% lighter version of the original color is **32.5135, 30.6839, 44.2533**, and **4.2462, 3.6191, 6.7781** is the 20% darker color. If you saturate the color by 10%, you get **12.3144, 10.3995, 19.7708**, and if you desaturate by 10%, it is **15.7883, 15.4154, 20.5559**.

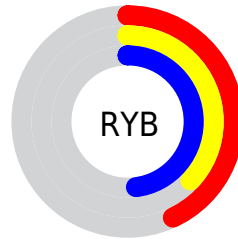
Distribution



Red (43%)

Green (37%)

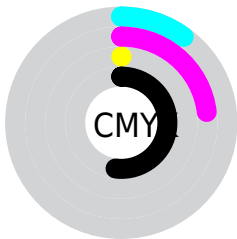
Blue (48%)



Red (43%)

Yellow (37%)

Blue (48%)

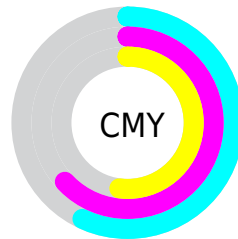


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (63%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9460, 12.7255, 20.1336 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 13.9460, 12.7255, 20.1336 by changing the saturation by 10% instead.

■ 13.9460, 12.7255,
20.1336

■ 13.9460, 12.7255,
20.1336

210.4120,
209.1509, 265.2656

■ 8.1646, 7.2398,
12.3072

■ 32.5802, 30.8097,
44.5030

■ 4.2531, 3.6125,
6.8282

■ 46.1638, 44.1771,
61.8830

■ 1.8463, 1.4593,
3.2780

■ 63.0787, 60.9404,
83.2846

■ 0.5453, 0.2598,
1.2383

■ 83.6904, 81.4841,
109.1263

■ 0.0000, 0.0000,
0.0104

108.3642,
106.1926, 139.8268

■ 0.0000, 0.0000,
0.0000

137.4655,

135.4503, 175.8044

171.3597,
169.6416, 217.4779

■ 13.9460, 12.7255,
20.1336

■ 13.9460, 12.7255,
20.1336

■ 12.3144, 10.3995,
19.7708

■ 15.7883, 15.4154,
20.5559

■ 10.8836, 8.4193,
19.4640

■ 17.8483, 18.4829,
21.0394

■ 9.6446, 6.7678,
19.2105

■ 20.1340, 21.9430,
21.5868

■ 8.5873, 5.4256,
19.0072

■ 22.6527, 25.8093,
22.2003

■ 7.7004, 4.3713,
18.8505

■ 25.4113, 30.0949,
22.8821

6.9713, 3.5807,
18.7363

28.4166, 34.8122,
23.6343

6.3845, 3.0241,
18.6598

31.6749, 39.9731,
24.4587

6.0183, 2.6967,
18.6159

35.1923, 45.5890,
25.3573

38.9747, 51.6710,
26.3319

Harmonies

Analogous

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



12.6688, 12.7255, 22.5140



13.9460, 12.7255, 20.1336



14.7600, 12.7255, 16.2295

Triad

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



13.9460, 12.7255, 20.1336



12.8979, 12.7255, 7.8781



9.7209, 12.7255, 15.5370

Complementary

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



13.9460, 12.7255, 20.1336



14.9241, 17.7916, 13.2377

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.



9.7721, 12.7255, 11.7258



13.9460, 12.7255, 20.1336



11.5392, 12.7255, 7.7624

Square

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



13.9460, 12.7255, 20.1336



14.1245, 12.7255, 9.3938



10.4159, 12.7255, 9.0411



10.2702, 12.7255, 19.5456

Rectangle

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



13.9460, 12.7255, 20.1336



14.8958, 12.7255, 13.5334



10.4159, 12.7255, 9.0411



9.6697, 12.7255, 14.1835

Sweetspot

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



13.9464, 12.7260, 20.1339



29.8234, 30.1569, 36.6419



13.2971, 14.1208, 20.4373



6.7852, 6.8449, 8.3702



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.



13.9464, 12.7260, 20.1339



22.8475, 19.9689, 35.0431



15.4273, 13.5027, 19.6052



3.9964, 3.9960, 5.0039



6.3266, 2.8342, 19.5989



29.1894, 13.0097, 93.4425

Inverse Universe

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



14.6306, 13.1840, 15.4096



24.3387, 20.9640, 24.8828



13.6812, 17.1411, 13.6221



4.0630, 4.0409, 4.5293



9.1054, 4.6183, 3.8462



43.0249, 21.8663, 16.1931

Previews

White Background



This preview shows how the XYZ color 13.9460, 12.7255, 20.1336 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 13.9460, 12.7255, 20.1336 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 13.9460, 12.7255, 20.1336

Background



This preview shows how black text looks on a background with the XYZ color 13.9460, 12.7255, 20.1336.



This preview shows how white text looks on a background with the XYZ color 13.9460, 12.7255,

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

13.9460, 12.7255, 20.1336

Protanopia

12.8438, 12.8097, 21.5342

Deuteranopia

12.9645, 12.7685, 19.8704



Tritanopia

12.8879, 12.6951, 15.1357

Trichromacy



Original Color

13.9460, 12.7255, 20.1336

Protanomaly

13.2319, 12.7394, 21.1636

Deuteranomaly

13.3194, 12.8134, 19.8604

Tritanomaly

13.2365, 12.7016, 16.7929

Monochromacy



Original Color

13.9460, 12.7255, 20.1336

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0479, 13.0311, 16.2955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9460, 12.7255, 20.1336 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(110, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 94, 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(110, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 94, 122) }
```

Border

The CSS property to change the border of an element to XYZ 13.9460, 12.7255, 20.1336 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(110, 94, 122) }
```


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

```
.border{ border-color:rgb(110, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 94,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9460, 12.7255, 20.1336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 94, 122) }
```

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

```
.background{ background-color: rgb(110, 94,  
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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