

Converting Colors

XYZ(17.0393, 13.2040, 41.7131)

Have a look what the booklet for
XYZ(17.0393, 13.2040, 41.7131)
contains.

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Color

**XYZ(17.0381, 13.2040,
41.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	6959AE
RGB	105, 89, 174
RGB Percent	41%, 35%, 68%
CMY	0.5882, 0.6510, 0.3176
CMYK	0.40, 0.49, 0.00, 0.32
HSL	251°, 34%, 52%
HSV	251°, 49%, 68%
XYZ	17.0381, 13.2040, 41.6950
YIQ	103.4740, -17.7490, 29.8270

Conversions

Conversions Part 2

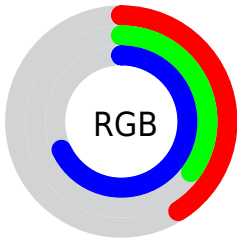
Format	Color
R _{YB}	105, 89, 174
Decimal	6904238
CIE Lab	43.07, 27.32, -43.39
CIE LCh	43, 51.274, 302.191
Yxy	13.2040, 0.2368, 0.1835
Android (android.graphics.Color)	4285094318 (0xFF6959AE)
YUV	103.4740, 34.7693, 1.3383
Hunter-Lab	36.3373, 20.1061, -42.5958

Details

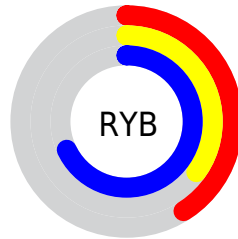
The XYZ color **17.0381, 13.2040, 41.6950** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **31.0396, 38.2625, 15.2009**, and the grayscale version is **12.9322, 13.6056, 14.8165**.

A 20% lighter version of the original color is **37.8136, 31.5493, 78.9595**, and **5.7312, 3.8383, 18.5280** is the 20% darker color. If you saturate the color by 10%, you get **14.2342, 9.8574, 41.1971**, and if you desaturate by 10%, it is **20.4608, 17.3780, 42.3205**.

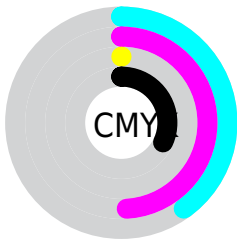
Distribution



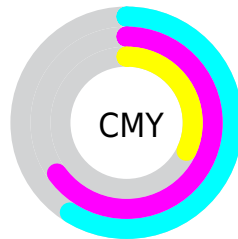
- Red (41%)
- Green (35%)
- Blue (68%)



- Red (41%)
- Yellow (35%)
- Blue (68%)



- Cyan (40%)
- Magenta (49%)
- Yellow (0%)
- Black (32%)



- Cyan (59%)
- Magenta (65%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0381, 13.2040, 41.6950 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 17.0381, 13.2040, 41.6950 by changing the saturation by 10% instead.

■ 17.0381, 13.2040,
41.6950

■ 17.0381, 13.2040,
41.6950

228.5438,
212.2210, 368.9793

■ 10.3571, 7.5692,
28.5388

■ 37.9343, 31.6698,
79.0029

■ 5.7005, 3.8205,
18.4896

■ 52.8803, 45.2696,
103.9917

■ 2.7027, 1.5737,
11.1290

■ 71.3120, 62.2931,
133.7617

■ 0.9986, 0.3398,
6.0384

■ 93.5948, 83.1248,
168.7315

■ 0.0000, 0.0000,
2.7993

■ 120.0940,
108.1490, 209.3196

■ 0.0000, 0.0000,
0.9931

151.1750,

■ 0.0000, 0.0000,

137.7502, 255.9446

0.0000

187.2032,
172.3127, 309.0250

■ 17.0381, 13.2040,
41.6950

■ 17.0381, 13.2040,
41.6950

■ 14.2342, 9.8574,
41.1971

■ 20.4608, 17.3780,
42.3205

■ 12.0094, 7.2807,
40.8170

■ 24.5355, 22.4287,
43.0806

■ 10.3218, 5.4115,
40.5451

■ 29.2949, 28.4031,
43.9830

■ 9.1227, 4.1762,
40.3699

■ 34.7688, 35.3446,
45.0343

■ 8.3341, 3.4461,
40.2705

■ 40.9855, 43.2937,
46.2410

■ 8.2595, 3.3754,
40.2608

■ 47.9715, 52.2886,
47.6090

■ 55.7522, 62.3655,
49.1439

■ 64.3517, 73.5589,
50.8512

■ 73.7931, 85.9018,
52.7360

Harmonies

Analogous

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



12.8421, 13.2040, 48.8224



17.0381, 13.2040, 41.6950



20.5219, 13.2040, 27.0731

Triad

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



17.0381, 13.2040, 41.6950



16.4300, 13.2040, 2.4537



6.3959, 13.2040, 15.2230

Complementary

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



17.0381, 13.2040, 41.6950



31.0396, 38.2625, 15.2009

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.



6.9673, 13.2040, 6.4396



17.0381, 13.2040, 41.6950



12.2624, 13.2040, 1.7640

Square

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



17.0381, 13.2040, 41.6950



20.1222, 13.2040, 5.6341



8.9286, 13.2040, 2.7180



7.1649, 13.2040, 29.3251

Rectangle

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



17.0381, 13.2040, 41.6950



21.6601, 13.2040, 17.5339



8.9286, 13.2040, 2.7180



6.4373, 13.2040, 11.6236

Sweetspot

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



17.0386, 13.2045, 41.6953



56.5450, 55.8278, 80.4325



24.0581, 29.7763, 44.5240



12.1265, 11.8501, 17.7925



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



17.0386, 13.2045, 41.6953



25.2832, 17.2503, 74.6339



23.2602, 16.4118, 41.9865



7.7144, 7.8271, 10.0569



6.0291, 2.4680, 29.2031



0.2082, 0.0895, 0.8143

Inverse Universe

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



27.1996, 18.6123, 34.5059



46.2116, 28.4122, 58.7652



24.1309, 34.7009, 14.8776



8.2714, 8.1218, 9.7402



16.1813, 7.9351, 19.1320



0.4666, 0.2273, 0.6189

Previews

White Background



This preview shows how the XYZ color 17.0381, 13.2040, 41.6950 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 17.0381, 13.2040, 41.6950 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 17.0381, 13.2040, 41.6950

Background



This preview shows how black text looks on a background with the XYZ color 17.0381, 13.2040, 41.6950.



This preview shows how white text looks on a background with the XYZ color 17.0381, 13.2040,

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

17.0381, 13.2040, 41.6950

Protanopia

14.9770, 13.3450, 47.1339

Deuteranopia

13.7223, 13.4250, 40.3961



Tritanopia

12.0914, 13.2441, 17.2483

Trichromacy



Original Color

17.0381, 13.2040, 41.6950

Protanomaly

15.3109, 13.0162, 44.8854

Deuteranomaly

14.5617, 13.1304, 40.7967

Tritanomaly

13.5543, 13.1058, 24.7370

Monochromacy



Original Color

17.0381, 13.2040, 41.6950

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.0391, 13.2634, 22.5890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0381, 13.2040, 41.6950 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(105, 89, 174)` looks like.

```
.text, #text, p{  
    color:rgb(105, 89, 174)  
}
```

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(105, 89, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 89, 174) }
```

Border

The CSS property to change the border of an element to XYZ 17.0381, 13.2040, 41.6950 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(105, 89, 174) }
```


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

```
.border{ border-color:rgb(105, 89, 174) }
```

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

Here you see how a box with a 4 pixel rgb(105, 89, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 89, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 89, 174);  
box-shadow:4px 4px 4px 4px rgb(105, 89,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0381, 13.2040, 41.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 89, 174) }
```

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

```
.background{ background-color: rgb(105, 89,  
174) }
```

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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