

Converting Colors

XYZ(17.0168, 20.8676, 24.0791)

Have a look what the booklet for
XYZ(17.0168, 20.8676, 24.0791)
contains.

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Color

**XYZ(17.0686, 20.9891,
24.2708)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8682
RGB	93, 134, 130
RGB Percent	36%, 53%, 51%
CMY	0.6353, 0.4745, 0.4902
CMYK	0.31, 0.00, 0.03, 0.47
HSL	174°, 18%, 45%
HSV	174°, 31%, 53%
XYZ	17.0686, 20.9891, 24.2708
YIQ	121.2850, -23.1520, -9.9360

Conversions

Conversions Part 2

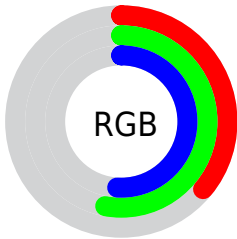
Format	Color
R_{YB}	93, 115, 134
Decimal	6129282
CIE _{Lab}	52.94, -15.05, -2.41
CIE _{LCh}	53, 15.245, 189.088
Yxy	20.9891, 0.2738, 0.3367
Android (android.graphics.Color)	4284319362 (0xFF5D8682)
YUV	121.2850, 4.2965, -24.8059
Hunter-Lab	45.8139, -13.6716, 0.6597

Details

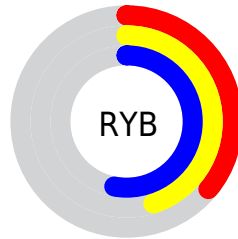
The XYZ color **17.0686, 20.9891, 24.2708** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.9043, 13.7607, 13.1280**, and the grayscale version is **18.2586, 19.2094, 20.9191**.

A 20% lighter version of the original color is **37.9946, 44.9793, 51.4791**, and **5.6942, 7.4702, 8.9264** is the 20% darker color. If you saturate the color by 10%, you get **15.7423, 20.3160, 23.7538**, and if you desaturate by 10%, it is **18.6350, 21.7869, 24.8058**.

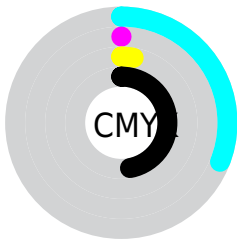
Distribution



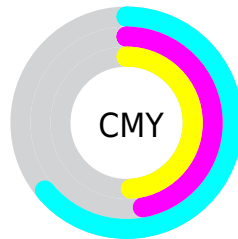
- Red (36%)
- Green (53%)
- Blue (51%)



- Red (36%)
- Yellow (45%)
- Blue (53%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0686, 20.9891, 24.2708 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 17.0686, 20.9891, 24.2708 by changing the saturation by 10% instead.

■ 17.0686, 20.9891,
24.2708

■ 17.0686, 20.9891,
24.2708

228.7159,
257.2206, 287.5172

■ 10.3790, 13.1160,
15.3206

■ 37.9863, 45.0694,
51.4211

■ 5.7152, 7.5085,
8.8956

■ 52.9452, 62.0454,
70.4583

■ 2.7117, 3.7821,
4.5772

■ 71.3912, 82.8245,
93.6948

■ 1.0032, 1.5524,
1.9471

■ 93.6898, 107.7912,
121.5493

■ 0.0000, 0.3252,
0.5224

120.2061,
137.3297, 154.4402

■ 0.0000, 0.0000,
0.0000

151.3057,

171.8245, 192.7862

187.3539,
211.6600, 237.0057

■ 17.0686, 20.9891,
24.2708

■ 17.0686, 20.9891,
24.2708

■ 15.7423, 20.3160,
23.7538

■ 18.6350, 21.7869,
24.8058

■ 14.6418, 19.7586,
23.2527

■ 20.4510, 22.7128,
25.3579

■ 13.7541, 19.3108,
22.7673

■ 22.5282, 23.7732,
25.9280

■ 13.0644, 18.9649,
22.2970

■ 24.8766, 24.9732,
26.5168

■ 12.5556, 18.7122,
21.8408

■ 27.5058, 26.3179,
27.1246

■ 12.2080, 18.5425,
21.3980

■ 30.4249, 27.8119,
27.7519

■ 11.9720, 18.4296,
20.9910

■ 33.6427, 29.4597,
28.3991

■ 37.1674, 31.2656,
29.0667

■ 41.0071, 33.2338,
29.7550

Harmonies

Analogous

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



17.2166, 20.9891, 19.8563



17.0686, 20.9891, 24.2708



17.6599, 20.9891, 28.8584

Triad

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



17.0686, 20.9891, 24.2708



21.9488, 20.9891, 30.3810



21.0657, 20.9891, 15.5841

Complementary

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



17.0686, 20.9891, 24.2708



15.9043, 13.7607, 13.1280

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.



22.4289, 20.9891, 17.7454



17.0686, 20.9891, 24.2708



22.9574, 20.9891, 26.1382

Square

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



17.0686, 20.9891, 24.2708



20.4384, 20.9891, 32.6829



23.1376, 20.9891, 21.4926



19.4685, 20.9891, 15.2237

Rectangle

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



17.0686, 20.9891, 24.2708



18.4133, 20.9891, 31.2587



23.1376, 20.9891, 21.4926



21.5688, 20.9891, 16.1088

Sweetspot

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



17.0692, 20.9899, 24.2713



36.5150, 40.2628, 44.8147



15.4420, 20.3883, 13.4778



8.1281, 9.0207, 10.0682



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.0692, 20.9899, 24.2713



28.3447, 36.1025, 42.1007



15.2494, 16.9120, 25.0159



4.7826, 5.2713, 5.8662



11.2212, 17.2713, 19.6822



0.0403, 0.0604, 0.0756

Inverse Universe

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



15.9043, 13.7607, 13.1280



25.9403, 21.1683, 19.0908



17.3195, 16.8822, 12.7021



4.6897, 4.6956, 4.9782



9.2843, 4.7781, 0.8034



0.0333, 0.0170, 0.0087

Previews

White Background



This preview shows how the XYZ color 17.0686, 20.9891, 24.2708 looks on a white 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

Black Background



This preview shows how the XYZ color 17.0686, 20.9891, 24.2708 looks on a black 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

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

XYZ 17.0686, 20.9891, 24.2708

Background



This preview shows how black text looks on a background with the XYZ color 17.0686, 20.9891, 24.2708.



This preview shows how white text looks on a background with the XYZ color 17.0686, 20.9891,

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

17.0686, 20.9891, 24.2708

Protanopia

19.9374, 20.7371, 22.3539

Deuteranopia

21.1161, 20.7359, 24.7193



Tritanopia

18.0331, 20.9725, 29.0843

Trichromacy



Original Color

17.0686, 20.9891, 24.2708

Protanomaly

18.6202, 20.6155, 23.0765

Deuteranomaly

19.3033, 20.5535, 24.4226

Tritanomaly

17.6943, 21.0429, 27.1739

Monochromacy



Original Color

17.0686, 20.9891, 24.2708

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.6545, 19.7565, 21.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0686, 20.9891, 24.2708 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(93, 134, 130) looks like.

```
.text, #text, p{  
    color:rgb(93, 134, 130)  
}
```

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(93, 134, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 134, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.0686, 20.9891, 24.2708 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(93, 134, 130) }
```


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

```
.border{ border-color:rgb(93, 134, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 134, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 134, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 134, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 134,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0686, 20.9891, 24.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 134, 130) }
```

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

```
.background{ background-color: rgb(93, 134,  
130) }
```

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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