

Converting Colors

XYZ(21.3661, 20.1526, 28.6710)

Have a look what the booklet for
XYZ(21.3661, 20.1526, 28.6710)
contains.

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Color

**XYZ(21.3863, 20.2452,
28.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	86778F
RGB	134, 119, 143
RGB Percent	53%, 47%, 56%
CMY	0.4745, 0.5333, 0.4392
CMYK	0.06, 0.17, 0.00, 0.44
HSL	277°, 10%, 51%
HSV	277°, 17%, 56%
XYZ	21.3863, 20.2452, 28.7671
YIQ	126.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

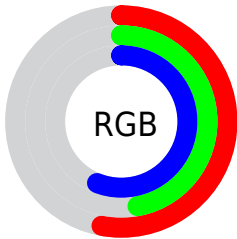
Format	Color
R_{YB}	134, 119, 143
Decimal	8812431
CIE _{Lab}	52.11, 10.52, -10.90
CIE _{LCh}	52, 15.148, 313.995
Yxy	20.2452, 0.3038, 0.2876
Android (android.graphics.Color)	4287002511 (0xFF86778F)
YUV	126.2210, 8.2720, 6.8222
Hunter-Lab	44.9947, 6.1017, -6.4105

Details

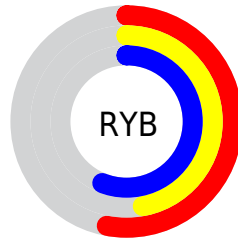
The XYZ color **21.3863, 20.2452, 28.7671** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.0550, 25.5665, 21.2262**, and the grayscale version is **19.8794, 20.9146, 22.7760**.

A 20% lighter version of the original color is **45.1345, 43.7218, 58.8836**, and **7.8852, 7.1816, 11.3265** is the 20% darker color. If you saturate the color by 10%, you get **18.9778, 16.6649, 28.2033**, and if you desaturate by 10%, it is **24.0955, 24.3618, 29.4192**.

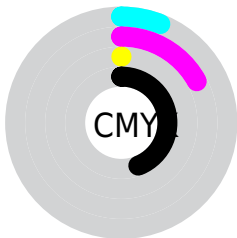
Distribution



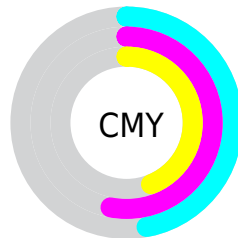
- Red (53%)
- Green (47%)
- Blue (56%)



- Red (53%)
- Yellow (47%)
- Blue (56%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3863, 20.2452, 28.7671 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 21.3863, 20.2452, 28.7671 by changing the saturation by 10% instead.

■ 21.3863, 20.2452,
28.7671

■ 21.3863, 20.2452,
28.7671

252.0174,
253.2394, 310.1410

■ 13.5207, 12.5734,
18.6606

■ 45.2160, 43.8279,
58.7446

■ 7.8676, 7.1355,
11.2510

■ 61.9109, 60.5076,
79.4527

■ 4.0614, 3.5470,
6.1196

■ 82.2795, 80.9587,
104.5319

■ 1.7369, 1.4235,
2.8480

106.6874,
105.5656, 134.4005

■ 0.4792, 0.2340,
1.0176

135.4997,
134.7128, 169.4772

■ 0.0000, 0.0000,
0.0000

169.0819,

168.7845, 210.1804

207.7994,
208.1653, 256.9289

■ 21.3863, 20.2452,
28.7671

■ 21.3863, 20.2452,
28.7671

■ 18.9778, 16.6649,
28.2033

■ 24.0955, 24.3618,
29.4192

■ 16.8561, 13.5950,
27.7226

■ 27.1147, 29.0337,
30.1618

■ 15.0089, 11.0118,
27.3213

■ 30.4555, 34.2824,
30.9989

■ 13.4222, 8.8880,
26.9950

■ 34.1278, 40.1272,
31.9335

■ 12.0807, 7.1941,
26.7388

■ 38.1414, 46.5865,
32.9687

■ 10.9671, 5.8967,
26.5470

■ 42.5056, 53.6782,
34.1075

■ 10.0618, 4.9576,
26.4135

■ 47.2292, 61.4192,
35.3527

■ 9.3321, 4.3123,
26.3274

■ 52.3208, 69.8257,
36.7070

■ 9.1137, 4.1255,
26.3028

■ 57.7887, 78.9136,
38.1729

Harmonies

Analogous

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



19.9718, 20.2452, 31.3995



21.3863, 20.2452, 28.7671



22.2498, 20.2452, 24.4801

Triad

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



21.3863, 20.2452, 28.7671



20.0754, 20.2452, 14.8188



16.4947, 20.2452, 24.1715

Complementary

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



21.3863, 20.2452, 28.7671



22.0550, 25.5665, 21.2262

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.



16.5191, 20.2452, 19.7744



21.3863, 20.2452, 28.7671



18.5311, 20.2452, 14.7595

Square

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



21.3863, 20.2452, 28.7671



21.4657, 20.2452, 16.6336



17.2469, 20.2452, 16.4589



17.1783, 20.2452, 28.5152

Rectangle

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



21.3863, 20.2452, 28.7671



22.3692, 20.2452, 21.4546



17.2469, 20.2452, 16.4589



16.4216, 20.2452, 22.6432

Sweetspot

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



21.3869, 20.2461, 28.7675



44.0175, 44.9592, 52.8961



20.3118, 21.3965, 29.0463



10.0190, 10.1946, 12.1119



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.3869, 20.2461, 28.7675



36.6683, 33.8131, 51.1320



22.6735, 20.9335, 27.7343



5.4329, 5.4114, 6.7869



8.0818, 3.6599, 23.2576



0.1018, 0.0476, 0.2235

Inverse Universe

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



21.8215, 20.5927, 23.2477



37.6212, 34.5676, 39.2842



20.9314, 24.9676, 22.0644



5.4873, 5.4555, 6.0642



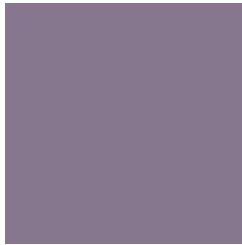
10.6064, 5.3996, 3.5787



0.1115, 0.0557, 0.0872

Previews

White Background



This preview shows how the XYZ color 21.3863, 20.2452, 28.7671 looks on a white background.

Color Contrast Check

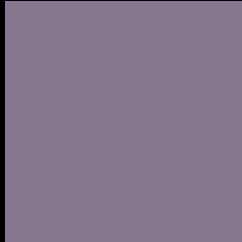
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3863, 20.2452, 28.7671 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 21.3863, 20.2452, 28.7671

Background



This preview shows how black text looks on a background with the XYZ color 21.3863, 20.2452, 28.7671.



This preview shows how white text looks on a background with the XYZ color 21.3863, 20.2452,

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

21.3863, 20.2452, 28.7671

Protanopia

20.0170, 20.2343, 30.0447

Deuteranopia

20.6974, 20.2471, 28.8038



Tritanopia

20.4498, 20.2190, 24.2976

Trichromacy



Original Color

21.3863, 20.2452, 28.7671

Protanomaly

20.5278, 20.3234, 29.6289

Deuteranomaly

20.8803, 20.1619, 28.7777

Tritanomaly

20.7625, 20.1688, 25.7203

Monochromacy



Original Color

21.3863, 20.2452, 28.7671

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.3011, 20.4990, 24.7165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3863, 20.2452, 28.7671 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(134, 119, 143)` looks like.

```
.text, #text, p{  
    color:rgb(134, 119, 143)  
}
```

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(134, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 119, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.3863, 20.2452, 28.7671 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(134, 119, 143) }
```


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

```
.border{ border-color:rgb(134, 119, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 119, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(134, 119,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3863, 20.2452, 28.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 119, 143) }
```

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

```
.background{ background-color: rgb(134,  
119, 143) }
```

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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